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April 26, 2013

File Number: 06RK-153415

VIA CERTIFIED U.S. MAIL

Andrew Taylor
Case Developer and Enforcement Officer
United States Environmental Protection Agency
75 Hawthorne Street, SFD-7-5
8th Floor Mail Stop
San Francisco, CA 94105

Re: 104(e) Request for Information - San Fernando Valley Area 2 Superfund Site,
Real Property located at 3333 Casitas Avenue, Los Angeles, CA

Dear Mr. Taylor:

This letter is submitted on behalf of Hehr International Inc. ("Hehr") in response to the United States Environmental Protection Agency's ("EPA") January 23, 2013 Request for Information under Section 104(e) of the Comprehensive Environmental Response, Compensation and Liability Act ("CERCLA"). Hehr operates a window manufacturing and assembly facility at 3333 Casitas Avenue, Los Angeles, California. Pursuant to your letter, we understand that EPA is primarily investigating potential sources of chromium and VOC contamination in area groundwater. Hehr does not currently use chromium or chromium-containing compounds in its window assembly process. In addition, after a diligent review and reasonable inquiry, Hehr has identified no information to suggest that Hehr used chromium or chromium-containing compounds in the past. With regard to VOCs, Hehr does not use the VOCs of particular interest to EPA (PCE; TCE; 1,1,1 TCA and 1,1,2 TCA). Hehr uses chemicals such as cleaning products that may contain VOCs in low volumes; there is no information that these chemicals are released into the environment.

Hehr hereby responds to Attachment B based on the best available information and after making reasonable inquiries. Attachment C does not apply to Hehr because Hehr does not conduct "metal finishing" as defined by EPA. Hehr assembles windows from metal parts (usually aluminum) and other components, but Hehr does not plate, anodize, or otherwise treat metal. Attachment D is inapplicable because Hehr has no cooling towers or cooling systems as understood by Hehr. Finally, Hehr responds to Attachment E based on its limited and controlled use of VOCs.

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Andrew Taylor
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Please contact me if you have further questions.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Olivier Theard', with a stylized flourish extending to the right.

Olivier Theard
for SHEPPARD, MULLIN, RICHTER & HAMPTON LLP

SMRH:408150770.1

Enclosures

PRELIMINARY STATEMENT

Hehr International Inc. ("Hehr") provides these responses to the EPA's Section 104(e) Request for Information. Hehr's responses are based on reasonably available information, including documents within Hehr's possession, custody and control. Hehr generally objects on the grounds that certain responses and/or documents may be protected by the Attorney-Client Privilege or Work Product doctrine. Hehr objects to certain EPA questions as set forth below, but responds to the extent it is reasonably able to do so. By responding to questions, Hehr does not waive the Preliminary Statement, its stated objections nor does Hehr waive other objections or its right to seek appropriate relief under the law. Hehr also reserves its right to supplement, modify or revise any response at a later date as appropriate and as reasonably requested by EPA.

ATTACHMENT B: INFORMATION REQUEST

Question No. 1:

State the full legal name, address, telephone number, position(s) held by, and tenure of the individual(s) answering any of the questions below on behalf of Hehr International Inc. (the "Company").

Response to Question No. 1:

The following Hehr employees provided information and assisted with the responses set forth herein:

John Utick (Secretary, since 2009)
Elizabeth Utick (Treasurer, since 2009)
Mary Utick (President & CEO, since 2009)
Michael Canzoneri (General Manager, since 2010)

The business address for these individuals is 3333 Casitas Avenue, Los Angeles, CA. These individuals can be contacted through Hehr's counsel: Olivier Theard, Esq., Sheppard, Mullin, Richter & Hampton LLP, 333 South Hope Street, 43rd Floor, Los Angeles, CA 90071 (Tel: 213-617-5427).

Question No. 2:

Identify the individuals who are or were responsible for environmental matters at the Company's facility located at 3333 Casitas Ave., Los Angeles, CA (the "Facility"). Henceforth, the term "Facility" shall be interpreted to include both the real property at 3333 Casitas Ave., Los Angeles, CA and any improvement thereto. For each individual responsible for environmental matters, provide his/her full name, current or last known address, current or last known telephone number, position titles, and the dates each individual held such position.

Response to Question No. 2:

Hehr objects to this question on the following grounds: (1) it is overbroad, burdensome and oppressive, including as to time, (2) it is vague and ambiguous with regard to the phrase "environmental matters," and (3) it seeks personal and potentially private information concerning individuals no longer employed by Hehr.

Subject to and without waiving these objections, Hehr responds as follows: The current Hehr employees with responsibility concerning environmental matters are John Utick and Michael Canzoneri, listed above in response to Question 1.

After a diligent search and reasonable inquiry, and based on currently available information, Hehr has identified the following former employees who may have been responsible for environmental matters: Wayne Geiger (former head of engineering) and Roberto Lowndes (former plant manager). Hehr employed both individuals for decades. If necessary, Messrs. Geiger and Lowndes can be reached by making arrangements through Hehr's counsel.

Question No. 3:

Explain the Company's present operational status (e.g., active, suspended, defunct, merged, dissolved, etc.).

Response to Question No. 3:

Hehr is an active California corporation. Please see Exhibit 1 (Secretary of State Business Entity Detail).

Question No. 4:

Provide the date the Company was incorporated, formed, or organized. Identify the state in which the Company was incorporated, formed, or organized.

Response to Question No. 4:

Hehr Manufacturing Company was incorporated in California on August 25, 1947. It merged into H.I. Nu-Corp., Inc., a California corporation, on May 4, 1984. On April 17, 1984, a new California corporation was formed by the name of Hehr International Inc. ("New Hehr"). On May 4, 1984, New Hehr merged into H.I. Nu-Corp., Inc. and concurrently changed its name to Hehr International Inc., the existing company. Please see Exhibit 2 (Documents Regarding Corporate Status and Formation, including Articles of Incorporation).

Question No. 5:

Identify the business structure (e.g., sole proprietorship, general partnership, limited partnership, joint venture, corporation, etc.) under which the Company currently exists or operates and identify all former business structures under which it existed or operated since its inception.

Response to Question No. 5:

Hehr is a current and active California corporation. Please see Hehr's response to Question 4 for additional responsive information concerning corporate history.

Question No. 6:

For each business structure under which the Company has existed or operated at the Facility, provide the corresponding dates that it existed or operated under that business structure, the name(s) it used, and the Facility addresses at which it operated or was otherwise located.

Response to Question No. 6:

Hehr is a current and active California corporation. Please see Hehr's response to Question 4 for responsive information concerning corporate history.

Question No. 7:

Provide a copy of the articles of incorporation, partnership agreement, articles of organization, or any other documentation (together with any amendments) demonstrating the particular business structure under which the Company has existed or operated since its inception.

Response to Question No. 7:

Hehr objects to this request on the grounds that it is overbroad, burdensome and oppressive. Subject to and without waiving these objections, Hehr provides certain documents responsive to this request at Exhibit 1 and Exhibit 2.

Question No. 8:

If the Company is or was operating under a fictitious business name, identify the fictitious name and the owner(s) of the fictitious name, and provide a copy of the Fictitious Business Name Statement filed with the county in which the Company is or was doing business.

Response to Question No. 8:

Based on available information and after a reasonable inquiry, Hehr does not currently operate, and has never operated, under a fictitious business name.

Question No. 9:

Identify and explain any and all sales of the Company's assets if the sale represented a sale of substantially all of the Company's assets.

Response to Question No. 9:

Hehr objects to this request on the grounds that it is overbroad, burdensome and oppressive, including as to time. Subject to and without waiving these objections, Hehr responds as follows: Based on available information and after a reasonable inquiry, Hehr has never sold "substantially all of the Company's assets."

Question No. 10:

Identify and explain any investments by the Company in other businesses, companies, or corporations equating to 5% or more of that other business, company, or corporation from the formation of the Company to the present.

Response to Question No. 10:

Hehr objects to this request on the grounds that it is irrelevant, overbroad, burdensome and oppressive. Subject to and without waiving this objection, Hehr responds as follows: Based on available information and after a reasonable inquiry, Hehr has not invested in other businesses, companies or corporations equating to 5% or more of that other business, company or corporation.

Question No. 11:

List the names, titles, telephone number(s), and current or last known addresses of all individuals who are currently or were officers and/or owners of the Company during any time that the Company was operating at the Facility, regardless of the business structure under which the Company is or was operated. Provide documentation of both the percentage of each individual's current or former ownership interest in the Company and the time period(s) during which he/she held this ownership interest.

Response to Question No. 11:

Hehr objects to this request on the following grounds: (a) it is irrelevant, overbroad, burdensome and oppressive, including as to time, and (b) it seeks personal and potentially private information about individuals no longer employed by Hehr.

Subject to and without waiving these objections, Hehr responds as follows: The current officers/owners of the facility are set forth below:

John Utick (Secretary, since September 2009)
Elizabeth Utick (Treasurer, since September 2009)
Mary Utick (President & CEO, since September 2009)

The business address for these individuals is 3333 Casitas Avenue, Los Angeles, CA. These individuals can be contacted through Hehr's counsel: Olivier Theard, Esq., Sheppard, Mullin, Richter & Hampton LLP, 333 South Hope Street, 43rd Floor, Los Angeles, CA 90071 (Tel: 213-617-5427).

As a further response, information concerning former officers may be ascertained from the documents provided in Exhibit 2.

Question No. 12:

Identify the dates the Company, under any of its current or former business structures, owned the Facility. Provide a copy of the title documentation evidencing the Company's ownership of the Facility.

Response to Question No. 12:

Hehr objects to this request on the grounds that it is overbroad, burdensome and oppressive. Subject to and without waiving these objections, Hehr responds as follows: After a reasonable inquiry and based on available information, Hehr has owned the facility at 3333 Casitas since 1947. Hehr provides certain ownership information in Exhibit 3 and in response to Question 16.

Question No. 13:

For any period of time in which the Company, under any of its current or former business structures, owned the Facility, provide the name, address, and phone number of any tenant or lessee. Provide a copy of each lease, rental agreement, or any other document that establishes the Company's relationship to any other operators at the Facility,

Response to Question No. 13:

Hehr objects to this request on the grounds that it is irrelevant, overbroad, burdensome and oppressive, including as to time. Subject to and without waiving this objection, Hehr responds as follows: After a diligent inquiry and based on available information, Hehr has not leased the facility at any point in time.

Question No. 14:

Provide the dates that the Company, under any of its current or former business structures, operated at the Facility.

Response to Question No. 14:

After a diligent inquiry and based on available information, Hehr has operated the facility continually since approximately 1947.

Question No. 15:

For any period of time in which the Company, under any of its current or former business structures, operated at, but did not own, the Facility, provide the name, address, and phone number of the Facility's owner. Provide a copy of each lease, rental agreement, or any other document that establishes the Company's relationship to the real property owner during the Company's occupancy of the Facility.

Response to Question No. 15:

After a diligent inquiry and based on available information, Hehr has not operated the facility under a lease. Hehr has at all times been the property owner.

Question No. 16:

Identify any individual or entity that owned or operated the Facility prior or subsequent to the Company. For each prior or subsequent owner or operator, further identify:

- a. The dates of ownership/operation;

- b. The nature of prior or subsequent operations at the Facility;
- c. All evidence showing that the prior or subsequent owner or operator controlled access to the property; and
- d. All evidence that a hazardous substance, pollutant, or contaminant was released or threatened to be released at the Facility during the period of prior or subsequent ownership or operation.

Response to Question No. 16:

Hehr objects to this request on the following grounds: (a) it is overbroad, burdensome and oppressive, including as to time, (b) it is vague and ambiguous as to the request for "all evidence that a hazardous substance, pollutant, or contaminant was released or threatened to be released," and (c) it requests information that is outside Hehr's knowledge, possession, custody or control.

Subject to, and without waiving the foregoing objections, Hehr responds as follows: Hehr purchased several properties that constitute the facility. In addition to the documentation set forth in Exhibit 3, Hehr purchased the following properties:

3547 Casitas Ave. (Tract 1723, Block A, Lots 103)
Prior to June 1972 owned by The City of Los Angeles
After June 1972 owned by Hehr International Inc./Hehr Mfg.

3455 Casitas Avenue. (Tract 1723, Block A, Lot 14)
Prior to February 1978 owned by Marguerite Werstler
After February 1978 owned by Hehr International Inc./Hehr Mfg.

3445 Casitas Ave. (Tract 1723, Block A, Lot 16)
Prior to 1977 owned by Joseph Reiss
After 1977 owned by Hehr International Inc./Hehr Mfg.

3419 Casitas Ave. (Tract 1723, Block A, Lot 16)
Prior to 1978 owned by the Estate of Anita Borbon
After August 1978 owned by Hehr International Inc./Hehr Mfg.

3411 Casitas Ave. (Tract 1723, Block A, Lot 22)
Prior to May 1972 owned by Einer and Martha Jachel
After May 1972 owned by Hehr International Inc./Hehr Mfg.

After a reasonable inquiry, Hehr has no knowledge regarding prior operations at these properties, and Hehr has no knowledge regarding contaminant releases by these former owners.

Question No. 17:

Provide a complete list of employees who had knowledge of the use of hazardous substances and disposal of wastes at the Facility during any or all of the period of time that the

Company operated at or was otherwise associated with the Facility. For each employee listed, provide the following information:

- a. The employee's full name;
- b. The employee's current or last known address and telephone number, including the last known date on which you believe each address and telephone number was current;
- c. The dates that the employee worked at the Facility;
- d. The position(s) the employee held under any of the Company's business structures; and
- e. The employee's job title(s) and the corresponding dates during which the Company believes that the employee would have had knowledge of the use and disposal of wastes.

Response to Question No. 17:

Hehr objects to this question on the following grounds: (1) it is overbroad, burdensome and oppressive, including as to time, (2) it is vague and ambiguous with regard to the phrase "hazardous substances and disposal of wastes," and (3) it seeks personal and potentially private information about individuals no longer employed by Hehr.

Subject to and without waiving these objections, Hehr responds as follows: The current Hehr employees with responsibility concerning hazardous substances and disposal of wastes are John Utick and Michael Canzoneri.

After a diligent search and reasonable inquiry, and based on currently available information, Hehr has identified the following former employees who may have knowledge: Wayne Geiger (former head of engineering) and Roberto Lowndes (former plant manager). If necessary, Messrs. Geiger and Lowndes can be reached by making arrangements through Hehr's counsel.

Question No. 18:

Describe the size of the Facility, the approximate number of people employed by the Company at the Facility, and the product(s) manufactured or services performed by the Company at the Facility. Describe any significant change in Facility size, the number of employees, or the products manufactured over time.

Response to Question No. 18:

Hehr objects to this request on the grounds that it is irrelevant, overbroad, burdensome and oppressive, including as to time. Subject to and without waiving these objections, Hehr responds as follows: Hehr's facility is currently approximately 87,226 square feet. This includes 63,042 square feet in the factory, 14,215 square feet in the warehouse, 2,575 square feet in the die shop and 7,395 square feet of office space. Hehr currently employs

approximately 65 individuals (55 in operations, 10 in administrative staff). Hehr's business is the manufacture of windows for transit buses and similar vehicles.

Over time, Hehr's facility has expanded (see response to Question 16). Depending on economic conditions, there may have been periods when Hehr employed more or less than 65 persons. However, Hehr's business has not materially changed over time.

Question No. 19:

If any substance containing chromium as a component ("chromium-related substances") was utilized in any of the Company's operations at the Facility, provide a complete description of those operations. Indicate the approximate volume of chromium or chromium-related substances used per month at the Facility, the dates chromium or chromium-related substances were used, and the storage and disposal practices in effect during the Company's operations at the Facility for materials containing chromium. Include documentation evidencing the Company's use of chromium or chromium-related substances.

Response to Question No. 19:

Hehr objects to this request on the following grounds: (a) it is overbroad, burdensome and oppressive, (b) it is vague and ambiguous. Subject to and without waiving these objections, Hehr responds as follows: Hehr does not use chromium or chromium-containing substances at the facility. Hehr does not conduct any plating, anodizing or similar operations that typically use chromium. Rather, Hehr shapes and assembles metal parts and glass into windows and sells those windows to customers who install them in buses and similar vehicles. Hehr has reviewed the MSDSs for the chemicals used at the facility. See Exhibit 4. None of the MSDSs reference chromium.

In addition, Hehr has conducted a reasonable investigation of its historic practices. Based on its investigation and available information, Hehr responds that it has not used chromium in the past. Hehr has not previously performed plating or anodizing, and its business operations have not changed materially over time.

Question No. 20:

Provide a scaled map of the Facility, that includes the locations of significant buildings and features. Indicate the locations of any maintenance shops, machine shops, degreasers, liquid waste tanks, chemical storage tanks, and fuel tanks. Provide a physical description of the Facility and identify the following:

- a. Surface structures (e.g., buildings, tanks, containment and/or storage areas, etc.);
- b. Subsurface structures (e.g., underground tanks, sumps, pits, clarifiers, etc.);
- c. Groundwater and dry wells, including drilling logs, date(s) of construction or completion, details of construction, uses of the well(s), date(s) the well(s) was/were abandoned, depth to groundwater, depth of well(s) and depth to and of screened interval(s);

d. Past and present stormwater drainage system and sanitary sewer system, including septic tank(s) and subsurface disposal field(s);

e. Any and all additions, demolitions or changes of any kind to physical structures on, under or about the Facility or to the property itself (e.g., excavation work), and state the date(s) on which such changes occurred; and

f. The location of all waste storage or waste accumulation areas as well as waste disposal areas, including but not limited to dumps, leach fields, and burn pits.

Response to Question No. 20:

Hehr objects to this request on the grounds that it is overbroad, burdensome and oppressive. Subject to and without waiving these objections, Hehr responds as follows: Hehr hereby provides scaled maps of the facility that identify the structures and features requested by EPA, to the extent applicable. These maps are included in Exhibit 5.

Question No. 21:

Provide copies of hazardous material business plans and chemical inventory forms (originals and updates) submitted to city, county, and state agencies for the Facility.

Response to Question No. 21:

Hehr objects to this request on the grounds that it is overbroad, burdensome and oppressive, including as to time. Subject to and without waiving these objections, Hehr responds as follows: Hehr has provided a chemical inventory to the Los Angeles Regional Water Quality Control Board. A copy of this chemical inventory is included at Exhibit 6.

Question No. 22:

Provide a list of all chemicals and hazardous substances used at the Facility, identifying the chemical composition and quantities used. Provide copies of Material Safety Data Sheets for all hazardous substances used.

Response to Question No. 22:

Hehr objects to this request on the grounds that it is overbroad, burdensome and oppressive, including as to time. Subject to and without waiving these objections, Hehr responds as follows: Hehr has provided a chemical inventory to the Los Angeles Regional Water Quality Control Board. A copy of this chemical inventory is included at Exhibit 6. In addition, Hehr has identified the chemicals used in its manufacturing operations and copies of the relevant MSDSs are included at Exhibit 4, with additional information at Table 1.

Question No. 23:

Identify and provide the information below for all substances containing chromium, including but not limited to chromate compounds, which are or were used at, or transported to, the Facility:

- a. The trade or brand name, chemical composition, and quantity used for each chemical or hazardous substance and the Material Safety Data Sheet for each product;
- b. The location(s) where each chemical or hazardous substance is or was used, stored, and disposed of;
- c. The kinds of wastes (e.g., scrap metal, construction debris, motor oil, solvents, waste water), the quantities of wastes, and the methods of disposal for each chemical, waste, or hazardous substance;
- d. The quantity, purchased (in gallons), the time period during which it was used, and the identity of all persons who used it; and
- e. The supplier(s), and provide copies of all contracts, service orders, shipping manifests, invoices, receipts, canceled checks, or any other documents pertaining to the supply of chemicals or hazardous substances.

Response to Question No. 23:

Hehr objects to this request on the following grounds: (a) it is overbroad, burdensome and oppressive, (b) it is vague and ambiguous. Subject to and without waiving this objection, Hehr responds as follows: As set forth in response to Question 19, Hehr does not and, based on its investigation, has never used chromium or chromium-containing substances in its operations at the facility.

Question No. 24:

Provide copies of all environmental data or technical or analytical information regarding soil, water, and air conditions at or adjacent to the Facility, including, but not limited to, environmental data or technical or analytical information related to soil contamination, soil sampling, soil gas sampling, geology, water (ground and surface), hydrogeology, groundwater sampling, and air quality.

Response to Question No. 24:

Hehr objects to this request on the grounds that it is overbroad, burdensome and oppressive, including as to time. Subject to and without waiving this objection, Hehr responds as follows: After a diligent search and reasonable inquiry, and except as described in response to Question 34 and in documents provided at Exhibit 9, Hehr does not have such environmental data in its possession, custody or control.

Question No. 25:

Identify, and provide the following information for, all groundwater wells that are located at the Facility:

- a. A map with the specific locations of the Facility groundwater wells;
- b. Date the Facility groundwater wells were last sampled;

- c. List of all constituents that were analyzed during groundwater sampling events; and
- d. All groundwater sampling results, reports of findings, and analytical data.

Response to Question No. 25:

Hehr objects to this request on the grounds that it is overbroad, burdensome and oppressive, including as to time. Subject to and without waiving this objection, Hehr responds as follows: After a diligent search and reasonable inquiry, Hehr has not identified any groundwater wells at the facility.

Question No. 26:

Identify, and provide all groundwater data upgradient, downgradient, and on the Facility that you possess or have access to, including, but not limited to:

- a. A map with the specific locations of the groundwater wells;
- b. Date the groundwater wells were last sampled;
- c. List of all constituents that were analyzed during groundwater sampling events; and
- d. All groundwater sampling results, reports of findings, and analytical data.

Response to Question No. 26:

Hehr objects to this request on the following grounds: (a) it is overbroad, burdensome and oppressive, including as to time, and (b) it is vague and ambiguous with regard to the phrase "access to." Subject to and without waiving this objection, Hehr responds as follows: After a diligent search and reasonable inquiry, Hehr does not have groundwater data in its possession. Such information may be available via publically-accessible sources.

Question No. 27:

Identify all insurance policies held by the Company from the time it commenced ownership of or operations at the Facility until the present. Provide the name and address of each insurer, the policy number, the amount of coverage and policy limits, the type of policy, and the expiration date of each policy. Include all comprehensive general liability policies and "first party" property insurance policies and all environmental impairment insurance. Provide a complete copy of each policy.

Response to Question No. 27:

Hehr objects to this request on the following grounds: (a) it is overbroad, burdensome and oppressive, including as to time, (b) it is irrelevant. Pursuant to these objections, Hehr will not identify and provide copies of all insurance policies held since its 1947 formation. Hehr's current insurance certificates are included at Exhibit 7.

Question No. 28:

Provide copies of any applications for permits or permits received for the Facility under any local, state, or federal environmental laws and regulations, including any waste discharge permits, such as national pollutant discharge elimination system permits.

Response to Question No. 28:

Hehr objects to this request on the following grounds: (a) it is overbroad, burdensome and oppressive, and (b) it is vague and ambiguous with regard to the phrase "environmental laws and regulations." Subject to and without waiving these objections, Hehr responds as follows: After a diligent search and reasonable inquiry, Hehr provides copies of the following permits in Exhibit 8:

- 1 Hazardous Waste and Hazardous Materials Management Program Permit
- 2 Invoices and sampling data reflecting operation under the General Industrial Stormwater Permit.
3. Sanitation Department Industrial Wastewater Permit
4. Stormwater Pollution Prevention Plan (pursuant to General Industrial Permit)

Question No. 29:

If the Company discharged any of its waste stream to the sewer at the Facility, provide copies of all permits and all analyses performed on discharged water, and identify all locations where waste streams were discharged.

Response to Question No. 29:

Hehr objects to this request on the following grounds: (a) it is overbroad, burdensome and oppressive, and (b) it is vague and ambiguous with regard to the term "waste stream." Subject to and without waiving this objection, Hehr responds as follows: Hehr operates pursuant to a Sanitation Department Industrial Wastewater Permit (Exhibit 8). Hehr uses deionized water to clean and wash glass surfaces during the manufacturing process.

Question No. 30:

For each waste stream generated at the Facility, describe the procedures for (a) collection, (b) storage, (c) treatment, (d) transport, and (e) disposal of the waste stream.

Response to Question No. 30:

Hehr objects to this request on the following grounds: (a) it is overbroad, burdensome and oppressive, and (b) it is vague and ambiguous with regard to the term "waste stream." Subject to and without waiving these objections, Hehr responds as follows: Please see response to Question 29, and the information set forth in Exhibit 6.

Question No. 31:

Please provide a detailed description of all pre-treatment procedures performed by the Company on its Waste streams at the Facility prior to transport to a disposal site.

Response to Question No. 31:

Hehr objects to this request on the following grounds: (a) it is overbroad, burdensome and oppressive, and (b) it is vague and ambiguous with regard to the terms "detailed" and "waste stream." Subject to and without waiving these objections, Hehr responds as follows: Based on available information, Hehr does not generate any waste streams that require pre-treatment. Please see Exhibit 6.

Question No. 32:

Please describe the method used by the Company to remove waste streams from sumps at the Facility.

Response to Question No. 32:

Hehr objects to this request on the following grounds: (a) it is overbroad, burdensome and oppressive, and (b) it is vague and ambiguous with regard to the term "waste stream." Subject to and without waiving this objection, Hehr responds as follows: Based on available information, Hehr does not use sumps to collect any waste streams.

Question No. 33:

Please identify all wastes that were stored at the Facility prior to shipment for disposal. Describe the storage procedures for each waste that was stored prior to disposal.

Response to Question No. 33:

Hehr objects to this request on the grounds that it is overbroad, burdensome and oppressive. Subject to and without waiving this objection, Hehr responds as follows: Hehr stores a limited quantity of waste prior to proper shipment for disposal. Please see Exhibit 6.

Question No. 34:

Please identify all leaks, spills, or other releases into the environment of any hazardous substances or pollutants or contaminants that have occurred at or from the Facility. In addition, identify and provide supporting documentation of:

- a. The date each release occurred;
 - b. The cause of each release;
 - c. The amount of each hazardous substance, waste, or pollutant or contaminant released during each release;
 - d. Where each release occurred and what areas were impacted by the release;
- and

e. Any and all activities undertaken in response to each release, including the notification of any local, state, or federal government agencies about the release.

Response to Question No. 34:

Hehr objects to this request on the following grounds: (a) it is overbroad, burdensome and oppressive, including as to time, and (b) it is vague and ambiguous with regard to the phrases "releases into the environment" and "pollutants or contaminants."

Subject to and without waiving these objections, and after a diligent search and reasonable inquiry, Hehr responds as follows:

Through its due diligence in preparing these responses, Hehr discovered a leak of water condensate containing a small amount of compressor oil from its mechanical room. Employees do not work in the mechanical room; the leak was the result of a now-corrected automatic system. The room contains a tank that holds compressed air needed to power equipment such as tools. The tank periodically purges water condensation through a tube, and a small amount of compressor oil from the pistons is mixed with the condensate as per manufacturer design. It appears the tube discharged a mist to the ground outside the facility, adjacent to the Union Pacific railway line. The affected area is localized (approximately 6 x 6 feet in diameter).

Hehr corrected this issue promptly after discovering it in approximately March 2013. Hehr has reconfigured the mechanical room such that the compressor condensate is now directed to an oil/water separator and a DOT-compliant 55-gallon drum, to be properly disposed of going forward.

At this time, Hehr reasonably believes that this condensate does not present a significant hazard to human health or the environment. Hehr stopped the release promptly after discovery. The affected area is localized in an area adjacent to a railroad track that is not reasonably accessible by humans. Based on the MSDS for compressor oil (Exhibit 4), the oil does not contain chromium or the VOCs identified by EPA (PCE, TCE, 1, 1, 1-TCA or 1, 1, 2-TCA). The oil is non-soluble and any impact from the mist would likely be shallow in depth. In an abundance of caution, Hehr has retained an environmental consultant to characterize the affected area. Based on a preliminary analysis, chromium was detected at levels below conservative California Human Health Screening Levels (CHHSLs) for industrial facilities, or 20.2 mg/kg (below the 37 mg/kg CHHSL). Because the compressor oil does not contain chromium and because Hehr does not use chromium in its operations, Hehr and its consultant reasonably believe that these chromium detections are not related to Hehr's process in general and the condensate discharge in particular. Benzene, toluene, ethylbenzene and xylene (BTEX) were below laboratory reporting limits.

Question No. 35:

Provide copies of any correspondence between the Company and local, state, or federal authorities concerning the use, handling, or disposal of hazardous substances at the Facility, including but not limited to any correspondence concerning any of the releases identified in response to the previous question.

Response to Question No. 35:

Hehr objects to this request on the following grounds: (a) it is vague as to time, overbroad, burdensome and oppressive, and (b) it is vague and ambiguous with regard to the phrases "releases into the environment" and "pollutants or contaminants." Subject to and without waiving this objection, Hehr responds as follows: Please see Exhibits 6 and 8.

Question No. 36:

Provide all information that the Company may possess or have access to that indicates that chromium and hexavalent chromium-containing substances used at the facility have not reached groundwater.

Response to Question No. 36:

Hehr objects to this request on the grounds that it is vague and ambiguous, overbroad, burdensome and oppressive. Subject to and without waiving this objection, Hehr responds as follows: Hehr does not and, based on its investigation, has never used chromium or chromium-containing substances in its operations at the facility.

ATTACHMENT C: INFORMATION REQUEST FOR METAL FINISHERS

Statement Regarding Attachment C:

Attachment C is inapplicable because Hehr is not a metal finisher. EPA defines “metal finishing” as follows:

The term “metal finishing” includes plating, anodizing, conversion coating, passivation; any other processes in which metal is applied to a substrate; or treatment of a metal substrate to enhance the appearance, function or performance of a product.

Hehr does not and, based on its investigation, has never engaged in these activities. Hehr does not conduct any plating, anodizing, conversion coating or passivation of metal at its facility. Hehr does not apply metal to a substrate. Hehr purchases anodized or treated metals from its suppliers, but Hehr does not itself anodize or treat metal. Rather, Hehr shapes and assembles metal parts into windows and sells those windows to customers who install them in buses and similar vehicles. Hehr’s Standard Industrial Classification (SIC) Code is 3442 (Metal Doors, Sash, Frames, Molding and Trim Manufacturing).

**ATTACHMENT D: INFORMATION REQUEST FOR FACILITIES
THAT HAVE UTILIZED COOLING SYSTEMS**

Statement Regarding Attachment D:

Attachment D is inapplicable to Hehr. The terms “cooling towers” and “cooling systems” are undefined. However, Hehr does not use “cooling towers” as that term is generally understood by Hehr. Hehr is not a power-generating facility, refinery, metal producer, or other major industrial facility typically associated with cooling towers.

In addition, Hehr reasonably believes that it does not use a “cooling system” as related to EPA’s inquiry. Hehr has no air conditioning in its warehouse and factory areas, which together comprise the vast majority of the facility. Hehr operates a small, household-type, standard air conditioning unit to regulate temperature in its administrative offices and in a glass storage clean room. Hehr has no specific knowledge regarding the chemicals used (if any) in the operation of this unit. Based upon a reasonable interpretation of the term “cooling system” as applied to the substance of EPA’s inquiry, Hehr does not operate a “cooling system.”

**ATTACHMENT E: INFORMATION REQUEST FOR FACILITIES THAT
HANDLED VOLATILE ORGANIC COMPOUNDS ("VOCs")**

Question No. 1:

Identify those individuals who provided the knowledge, information and documents used to prepare the response to these questions. Include the full name, current title and duties, as well as past titles and duties, current address and telephone number, and tenure for each individual providing an answer for any of these questions.

Response to Question No. 1:

The following Hehr employees provided information and assisted with the responses set forth herein:

Michael Canzoneri (General Manager)
Fred Guerrero (Quality Control Manager)

The individuals listed above work at the 3333 Casitas Avenue address. Each can be contacted through Hehr's counsel: Olivier Theard, Esq., Sheppard, Mullin, Richter & Hampton LLP, 333 South Hope Street, 43rd Floor, Los Angeles, Ca 90071 (Tel: 2130617-5427).

Question No. 2:

Identify and provide the information below for all volatile organic compounds (most notably PCE; TCE; 1,1,1-TCA and 1,1,2-TCA) that are or were used at, or transported to, the Facility since the beginning of the Company's operations at the Facility.

- a. The trade or brand name, chemical composition, and quantity used for each VOC-containing substance and the Material Safety Data Sheet for each product;
- b. The location(s) where each VOC-containing substance is or was used, stored and disposed of and the dates of chemical or hazardous substance use, storage or disposal at each location;
- c. Identify the specific equipment used in operations during which VOCs were utilized, and state the year(s) that the equipment was installed;
- d. State whether the storage areas and equipment in which VOC-containing substances were stored or used utilized secondary containment structures;
- e. Describe the waste streams generated by operations and equipment with respect to VOCs and VOC-containing substances;
- f. State the volume and frequency of the VOC-containing waste materials discharged from the operations, and describe the waste storage methods for the waste materials;

g. Provide copies of all analyses for substances containing VOCs performed on the materials used in equipment, during operations, and discharged from equipment prior to disposal;

h. Provide copies of all analyses for substances containing VOCs in water, sludge or other substances generated during operations;

i. State the quantity of VOC-containing substance(s) purchased (in gallons), the time period during which it was used, and the identity of all persons who used it;

j. Identify the supplier(s), and provide copies of all contracts, service orders, shipping manifests, invoices, receipts, canceled checks, or any other documents pertaining to the supply of chemicals or hazardous substances;

k. If the Company was required to report the type and quantity of substances identified in 2.e. and 2.f., above, to any federal or state agency or entity, provide copies of all such reports; and

l. Provide all maps, drawings, diagrams, plans, blueprints, photographs and flow charts related to past and current operations, equipment and associated piping showing the location of all equipment, clarifiers, dry wells, sumps, underground structures, piping and other equipment that were ever connected to the equipment, with respect to VOCs and VOC-containing substances.

Response to Question No. 2:

Hehr objects to this question on the grounds that it is vague and ambiguous, overbroad as to time, and unduly burdensome and oppressive. Subject to and without waiving these objections, Hehr responds as follows: Hehr does not use the VOCs identified by EPA (PCE; TCE; 1,1,1-TCA and 1,1,2-TCA). Hehr uses manufacturer-prepared products that contain a volatile component (high vapor pressure at room temperature). These products are consumed during production with waste being limited to empty containers in which the product was received. Hehr has prepared a table of products currently used during production that have a known volatile component. (Table 1). After a diligent inquiry, Hehr has no information to suggest that its historic use of VOCs differed materially from its current use.

Question No. 3:

If any substance containing VOCs as a component was utilized in any operations at the Facility since the beginning of the Company's operations at the Facility, provide a complete description of those operations if not already described in your response to Question 2 above. Indicate the approximate volume of VOCs or VOC-containing substances used per month at the Facility, the period of time during which VOCs or VOC-containing substances were used, and describe the storage and disposal practices in effect for materials containing VOCs.

Response to Question No. 3:

Hehr objects to this question on the grounds that it is vague and ambiguous, overbroad as to time, and unduly burdensome and oppressive. Subject to and without waiving these objections, Hehr responds as follows: Please see response to Question 2.

Question No. 4:

Please state the source of VOC-containing materials used in the Company's operations and equipment since the beginning of the Company's operations at the Facility.

Response to Question No. 4:

Hehr objects to this question on the grounds that it is vague and ambiguous as to time, overbroad, and unduly burdensome and oppressive. Subject to and without waiving these objections, Hehr responds as follows: The source of VOCs is identified in Exhibit 6 and Table 1.

Question No. 5:

Please describe where the Company disposed of VOC-containing materials used in the Facility's operations and equipment since the beginning of the Company's operations at the Facility.

Response to Question No. 5:

Hehr objects to this question on the grounds that it is vague and ambiguous, overbroad as to time, unduly burdensome and oppressive. Subject to and without waiving these objections, Hehr responds as follows: Waste from VOC-containing materials is limited to empty containers of manufacturer prepared products. Waste containers are stored in legally compliant containers and are ultimately disposed of properly. (see Exhibit 6). After a diligent inquiry, Hehr has no information to suggest that its historic use of VOCs differed materially from its current use.

Question No. 6:

State whether there have been any releases, or suspected releases, of substances containing VOCs to the environment at and from the Facility and provide any document describing, evidencing or otherwise documenting such releases.

Response to Question No. 6:

Hehr objects to this question on the grounds that it is vague and ambiguous, overbroad as to time, and unduly burdensome and oppressive. Subject to and without waiving these objections, Hehr responds as follows: Hehr has no knowledge of releases or suspected releases of VOCs.

Question No. 7:

State the number of tanks, including but not limited to degreasers, sumps and clarifiers ever constructed at the Facility or connected to the Facility at any time.

Response to Question No. 7:

Hehr objects to this question on the grounds that it is vague and ambiguous, overbroad as to time, and unduly burdensome and oppressive. Subject to and without waiving these objections, Hehr responds as follows: After a diligent inquiry, Hehr has not identified any tanks, degreasers, sumps or clarifiers constructed at the Facility or connected to the Facility.

Question No. 8:

Describe how the Company used the tanks identified in Question 7, above.

Response to Question No. 8:

Hehr objects to this question on the grounds that it is vague and ambiguous, overbroad as to time, and unduly burdensome and oppressive. Subject to and without waiving these objections, Hehr responds as follows: Not applicable.

Question No. 9:

Provide copies of all analyses performed on the soil and groundwater at the Facility, including but not limited to analyses performed on the soil and groundwater beneath and surrounding the tanks identified in Question 7, above. Provide copies of all investigation reports related to those analyses.

Response to Question No. 9:

Hehr objects to this question on the grounds that it is vague and ambiguous, overbroad as to time, and unduly burdensome and oppressive. Subject to and without waiving these objections, Hehr responds as follows: Not applicable.

Question No. 10:

Were substances containing VOCs ever pumped, drained, discharged, injected and/or released to the tanks identified in Question 7, above?

Response to Question No. 10:

Hehr objects to this question on the grounds that it is vague and ambiguous, overbroad as to time, and unduly burdensome and oppressive. Subject to and without waiving these objections, Hehr responds as follows: Not applicable.

Question No. 11:

Provide all documentation, drawings, diagrams, plans, blueprints, photographs, and flow charts that discuss or depict channels, pits, underground storage tanks, aboveground storage tanks, ponds, drywells, sumps, clarifiers and any other aboveground or underground structures used for storage or disposal since the beginning of the Company's operations at the Facility.

Response to Question No. 11:

Hehr objects to this question on the grounds that it is vague and ambiguous, overbroad as to time, unduly burdensome and oppressive. Subject to and without waiving these

objections, Hehr responds as follows: After a diligent inquiry, Hehr has identified four (4) concrete-lined pits approximately three feet by three feet and four feet deep at the Facility. These pits are empty, dry and covered with steel plates. After a reasonable inquiry, Hehr has identified no information to suggest these pits drain to any sewer or storm water system, nor that the pits were ever used for chemical storage or disposal of any kind.

Question No. 12:

Describe how the Company used the channels, pits, underground storage tanks, aboveground storage tanks, ponds, drywells, sumps, clarifiers and any other aboveground or underground structures used for storage or disposal identified in Question 11, above.

Response to Question No. 12:

Hehr objects to this question on the grounds that it is vague and ambiguous, overbroad as to time, unduly burdensome and oppressive. Subject to and without waiving these objections, Hehr responds as follows: Please see response to Question 11.

Question No. 13:

Were substances containing VOCs ever pumped, drained, discharged, injected and/or released to the channels, pits, underground storage tanks, aboveground storage tanks, ponds, drywells, sumps, clarifiers and any other aboveground or underground structures used for storage or disposal identified in Question 11, above?

Response to Question No. 13:

Hehr objects to this question on the grounds that it is vague and ambiguous, overbroad as to time, unduly burdensome and oppressive. Subject to and without waiving these objections, Hehr responds as follows: Please see response to Question 11.

Question No. 14:

Identify and provide copies of any documentation of any hazardous waste-related tax paid by the Company related to any facility from which waste was sent to an off-site disposal facility, and identify the dates upon which you paid such taxes, including but not limited to a description of whether such tax(es) were local, state or federal and the specific regulations under which you were required to pay the tax(es).

Response to Question No. 14:

Hehr objects to this question on the grounds that it is irrelevant, vague and ambiguous as to the term "tax," overbroad as to time, unduly burdensome and oppressive. Subject to and without waiving these objections, Hehr responds as follows: After a diligent inquiry and based on available information, Hehr is not aware whether it has paid a hazardous waste related tax.

Question No. 15:

List and provide copies of all federal, state, county, city and all other local permits, licenses, and/or registrations and their respective permit numbers issued concerning the

Facility and the storage, use, and discharge of substances containing VOCs, including but not limited to permits and correspondence related to Publicly Owned Treatment Works ("POTW"), Los Angeles County permits and licenses, and California Air Quality Management District permits and licenses. Your response must include all compliance testing results for all waste streams exiting the Facility.

Response to Question No. 15:

Hehr objects to this question on the grounds that it is vague and ambiguous, overbroad as to time, unduly burdensome and oppressive. Subject to and without waiving these objections, Hehr responds as follows: This is not applicable to facility operations. Other than materials identified in response to Attachment B, Question 28, Hehr does not have any permits, licenses or registrations related to VOCs.

Question No. 16:

State whether the Company has or had a permit or permits issued under the Resource Conservation and Recovery Act ("RCRA") for the Facility or Facilities. If the answer is "yes," identify all such permits, including but not limited to the dates of issuance and a general description of the process permitted. Provide copies of all such permits.

Response to Question No. 16:

Hehr objects to this question on the grounds that it is vague and ambiguous, overbroad as to time, unduly burdensome and oppressive. Subject to and without waiving these objections, Hehr responds as follows: Hehr is a RCRA Small Quantity Generator, with a consolidated permit issued through the LA Fire Department (Exhibit 8).

Question No. 17:

Provide the names, addresses and telephone numbers of any individuals, including former and current employees, who may be knowledgeable of the Company's operations with respect to substances containing VOCs, waste or pollutant or contaminant handling, storage and disposal practices at the Facility.

Response to Question No. 17:

Hehr objects to this question on the following grounds: (1) it is overbroad, burdensome and oppressive in that it covers decades of operations, (2) "operations with respect to substances containing VOCs, waste or pollutant or contaminant handling, storage and disposal practices at the Facility" are limited to the use of manufacturer prepared products, primarily adhesives and sealants, with disposal limited to empty containers, and (3) it seeks personal and potentially private information about individuals no longer employed by Hehr.

Subject to and without waiving these objections, Hehr responds as follows: John Utick and Michael Canzoneri are the individuals currently employed by Hehr with relevant knowledge. These current employees may be contacted through counsel.

Based on available information, the following former Hehr employees may have such knowledge: Wayne Geiger (former head of engineering) and Roberto Lowndes (former

plant manager). Messrs. Geiger and Lowndes should be reached by making arrangements through Hehr's counsel.

Question No. 18:

Provide the names, addresses and telephone numbers of all individuals, including former and current employees, who may be knowledgeable of the operations and equipment at the Facility that utilized VOCs. Your response must include personnel that regularly maintained and repaired equipment at the Facility since the beginning of the Company's operations at the Facility.

Response to Question No. 18:

Hehr objects to this question on the following grounds: (1) it is overbroad, burdensome and oppressive in that it covers decades of operations, (2) "operations with respect to substances containing VOCs, waste or pollutant or contaminant handling, storage and disposal practices at the Facility" are limited to the use of manufacturer prepared products, primarily adhesives and sealants, with disposal limited to empty containers, and (3) it seeks personal and potentially private information about individuals no longer employed by Hehr.

Subject to and without waiving these objections, Hehr responds as follows:
Please see response to Question 17.

Question No. 19:

Provide the names of and contact information, including addresses and telephone numbers, for companies and/or individuals that owned or operated the property at the time that substances containing VOCs were used at the Facility.

Response to Question No. 19:

Hehr objects to this request on the grounds that it is overbroad, burdensome and oppressive in that it covers several decades of operation. Subject to and without waiving this objection, Hehr responds as follows: Hehr has at all times been the property owner.

Question No. 20:

For each prior or subsequent owner or operator identified in your response to Question 19, further identify all evidence that a hazardous substance, pollutant, or contaminant containing VOCs was released or threatened to be released at the Facility during the period of prior or subsequent ownership or operation.

Response to Question No. 20:

Hehr objects to this request on the grounds that it is overbroad, burdensome and oppressive in that it covers several decades of operation. Subject to and without waiving this objection, Hehr responds as follows: Hehr has at all times been the property owner.

EPA's Section 104(e) Request for Information
Attachment E, Question 3 - Table

Product Trade Name	Product Description	Product Use	Chemical Composition	Quantity Used (monthly)	Quantity Stored	Location Used (Department)	Waste
HB Fuller Insul-Cure	Hot Melt Butyl Rubber Glass Sealant (Hehr P/N 005-177)	Sealant between double pain windows	<p>10-30%: Talc (CAS 14807-96-6)</p> <p>1-5%: Carbon black (CAS 1333-86-4)</p> <p>1-5%: Methylene bisphenyl diisocyanate (CAS 101-68-8)</p> <p>0.1-1%: Vinyl acetate (CAS108-05-4)</p> <p>0.1-1%: Diphenylmethan-2,4-diisocyanate (CAS 5873-54-1)</p>	110 gallons	55 – 100 gallon	Dept. 1	Solid (Empty Containers)
ADCO (Dolphin) 7035 Series	Mid-Viscosity Window Sealant (Hehr P/N 006-106-19)	Sealant at frame joints	<p>30-40%: Toluene (CAS 108-88-3)</p> <p>10-15%: Talc (CAS 14807-96-6)</p> <p>5-10%: Calcium Carbonate (CAS 471-34-1)</p> <p>3-5%: Methyl Ethyl Ketone (CAS 78-93-3)</p> <p>1-3%: Amorphous Silica (CAS 112945-52-5).</p>	20 gallons	10-20 gallons (white/black)	Depts. 2, 4 - 8	Solid (Empty Containers)

Product Trade Name	Product Description	Product Use	Chemical Composition	Quantity Used (monthly)	Quantity Stored	Location Used (Department)	Waste
Klean-Strip Denatured Alcohol	Denatured Alcohol	Degreaser	50-55%: Methanol (CAS 67-56-1) 40-50%: Ethyl alcohol (CAS 64-17-5) 1-4%: Methyl isobutyl ketone (CAS 108-10-1) 0.5-1.5%: Acetic acid (CAS 141-78-6) 0.5-1.5%: Heptane (CAS 142-82-5)	1 gallon	1 gallon	Depts. 5, 6, 8	Solid (Empty Containers, Rags)
Sika® Aktivator UH-2 LUM	Cleansing & Activation Agent (Hehr P/N 005-195)	Prepares frame for glass adhesion	60-100%: Methyl acetate (CAS 7920-9)	2 liters	4 liters (1000 mL containers)	Dept. 8	Solid (Empty Containers, Rags)
SikaTack® Ultrafast II	Hot Applied Polyurethane Adhesive (Hehr P/N 005-182)	Bonds glass to frame	Polyisocyanate Prepolymer (Mixture)	14 liters	120 ea. - 300 mL cartridges	Dept. 8	Solid (Empty Containers)

Product Trade Name	Product Description	Product Use	Chemical Composition	Quantity Used (monthly)	Quantity Stored	Location Used (Department)	Waste
Sika® Primer-206 G+P	Adhesive Primer (Hehr P/N 005-192)	Prepares glass for frame adhesion	30-60%: Ethyl Acetate (CAS 141-78-6) 5-10%: HDI Homopolymer (CAS 28182-81-2) 3-7%: poly(isophorone diisocyanate) 3-7%: Tris (p-Isocyanatophenyl) Thiophosphate (CAS 4151-51-3) 1-5%: N-Butyl Acetate (CAS 123-86-4) 0.5-1.5%: Glycol Ether PM Acetate (CAS 108-68-9)	500 mL	250 mL	Dept. 8	Solid (Empty Containers, Applicator Brush)
Boardwalk	Glass Cleaner	Glass Cleaner	Ethanol (CAS 64-17-5) 2-Butoxyethanol (CAS 111-76-2) Isobutane/Propane (propellant)	220 ounces	20 ea. – 20 fl. oz. cans	Dept. 2 I.G.	Solid (Empty Containers, Rags)

Product Trade Name	Product Description	Product Use	Chemical Composition	Quantity Used (monthly)	Quantity Stored	Location Used (Department)	Waste
Sprayon LU™ 711	All Purpose Lubricant (Hehr P/N 804-050-3)	Lubrication of rubber seal for frame/glass insert	72%: Mineral Spirits (CAS 64742-88-7) 13%: Heavy Paraffinic Oil (CAS 64742-65-0) 5%: 2-Butoxyethanol (CAS 111-76-2) 3%: Carbon Dioxide (propellant) 2%: Naphthenic Oil (CAS 64741-97-5)	1 gallon	5 gallons	Dept. 5 Mass Transit	Solid (Empty Containers)
Awesome All Purpose Cleaner & Degreaser	All Purpose Cleaner & Degreaser (Hehr P/N 803-121)	All Purpose Cleaner & Degreaser	Diluted 15:1 with water. 0.01-2.5%: Orange Oil Blend (CAS 8008-57-9 & 111-76-2) 0.5-4.0%: Ethoxylated Alcohol (CAS 9036-19-5) 0.5-1.5%: Disodium Salt (CAS 6834-92-0) 0.5-1.5%: Tetra Sodium EDTA (CAS 64-02-8) 0.5-0.8%: Hydroxy Sodium (1310-73-2)	480 ounces (20 oz bottle)	16 ea. – 24 fl. oz. bottles	Depts. 1, 4 - 9	Solid (Empty Containers, Rags)

Product Trade Name	Product Description	Product Use	Chemical Composition	Quantity Used (monthly)	Quantity Stored	Location Used (Department)	Waste
Tap Magic ProTap Cutting Fluid	Biodegradable Metal Cutting Fluid	Drilling, Tapping, Milling	>75%: Aliphatic Organic Acid (CAS 112-80-1) <15%: Aliphatic Organic Ester (CAS 112-62-9) <10%: Organic Polyol	11 ozs	1 gallon	Maintenance Shop	Solid (Empty Containers, Rags, Absorbent)
LubeMaster Vanishing Oil	Lubricant	Punch Lubricant	Petroleum Distillates Alcohols, C11-14, Iso-	None	4 gallons	Depts. 2, 4	Solid (Empty Containers, Rags, Absorbent)
Lamson Vanishing Oil (6919)	Lubricant	Punch Lubricant	Isoparaffinic Hydrocarbon (CAS 64742-48-9)	.5 gal	5 gallons	Depts. 2, 4	Solid (Empty Containers, Rags, Absorbent)
Shell Sol BT 67	Solvent	Tool cleaning	91%: Naphtha 9%: Toluene 3-3.5%: N-Hexane 2-3%: 2-Methyl Pentane 2%: 3-Methyl Pentane	4.5 gallons	55 gallons	Tool and Die Shop	Solid (Empty Containers, Rags)

Product Trade Name	Product Description	Product Use	Chemical Composition	Quantity Used (monthly)	Quantity Stored	Location Used (Department)	Waste
3M CA-40H Instant Adhesive	Adhesive (Hehr P/N 005-143)	Rubber Joint Sealant	93-100%: Ethyl Cyanoacrylate (CAS 7085-85-0) <5%: Poly (Methyl Methacrylate) (CAS 9011-14-7) <0.2%: Hydroquinone (CAS 123-31-9)	6 ounces (1 oz bottle)	7 ea. – 1 oz. bottles	Depts. 4 & 5	Solid (Empty Containers)
Atlas Copco Roto-Xtend Duty Fluid	Air Compressor Lubricant	Air Compressor Lubricant	1-5%: Alkaryl Amine (CAS 68411-46-1) 0.1-0.5%: Dialkyl Thiophosphate Ester (CAS 268567-32-4)	0.3 gal	5 gallons	Compressor Room Adjacent to Dept. 9	Solid (Empty Containers)
Golden West Lubricants Premium AW Hydraulic Oil 32	Hydraulic Oil	Hydraulic Actuated Equipment	Hydrotreated Paraffinic Oil Base	5.25 gal	55 gallons	Dept 2 - 4, 8, Forklifts	Solid (Empty Containers)
Nexgen Citrus Solv (LCS-163)	Cleaner/Degreaser		>24%: D-Limonene (Diluted in-house 10:1 with water)	10 gallons	10 gallons	All Depts.	Solid (Empty Containers)



Secretary of State Administration Elections Business Programs Political Reform Archives Registries

Business Entities (BE)

Online Services

- E-File Statements of Information for Corporations
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Service Options

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Business Entity Detail

Data is updated to the California Business Search on Wednesday and Saturday mornings. Results reflect work processed through Friday, April 19, 2013. Please refer to [Processing Times](#) for the received dates of filings currently being processed. The data provided is not a complete or certified record of an entity.

Entity Name:	HEHR INTERNATIONAL INC.
Entity Number:	C1304873
Date Filed:	04/17/1984
Status:	ACTIVE
Jurisdiction:	CALIFORNIA
Entity Address:	3333 CASITAS AVE
Entity City, State, Zip:	LOS ANGELES CA 90039
Agent for Service of Process:	MARY G UTICK
Agent Address:	3333 CASITAS AVE
Agent City, State, Zip:	LOS ANGELES CA 90039

* Indicates the information is not contained in the California Secretary of State's database.

- If the status of the corporation is "Surrender," the agent for service of process is automatically revoked. Please refer to California Corporations Code [section 2114](#) for information relating to service upon corporations that have surrendered.
- For information on checking or reserving a name, refer to [Name Availability](#).
- For information on ordering certificates, copies of documents and/or status reports or to request a more extensive search, refer to [Information Requests](#).
- For help with searching an entity name, refer to [Search Tips](#).
- For descriptions of the various fields and status types, refer to [Field Descriptions and Status Definitions](#).

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State of California
Secretary of State



10-0-00000

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In the office of the Secretary of State
of the State of California

FEB 17 2009

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STATEMENT OF INFORMATION

(Domestic Stock and Agricultural Cooperative Corporations)

FEES (Filing and Disclosure): \$25.00. If amendment, see instructions.

IMPORTANT — READ INSTRUCTIONS BEFORE COMPLETING THIS FORM

38

1. CORPORATE NAME (Please do not alter if name is preprinted.)

C1304873
HEHR INTERNATIONAL INC.
3333 CASITAS AVE.
LOS ANGELES, CA 90039

S

Best Copy Available

DUE DATE:

NO CHANGE STATEMENT (Not applicable if agent address of record is a P.O. Box address. See instructions.)

2 ☐ If there has been no change in any of the information contained in the last Statement of Information filed with the California Secretary of State, check the box and proceed to item 14.

If there have been any changes to the information contained in the last Statement of Information filed with the California Secretary of State, or no statement has been previously filed, this form must be completed in its entirety.

COMPLETE ADDRESSES FOR THE FOLLOWING (Do not abbreviate the name of the city. Items 3 and 4 cannot be P.O. Boxes.)

3	STREET ADDRESS OF PRINCIPAL EXECUTIVE OFFICE	CITY	STATE	ZIP CODE
	3333 CASITAS AVE.	LOS ANGELES	CA	90039
4	STREET ADDRESS OF PRINCIPAL BUSINESS OFFICE IN CALIFORNIA, IF ANY	CITY	STATE	ZIP CODE
	3333 CASITAS AVE.	LOS ANGELES	CA	90039
5	MAILING ADDRESS OF CORPORATION, IF DIFFERENT THAN ITEM 3	CITY	STATE	ZIP CODE

NAMES AND COMPLETE ADDRESSES OF THE FOLLOWING OFFICERS (The corporation must have these three officers. A comparable title for the specific officer may be added; however, the preprinted titles on this form must not be altered.)

6	CHIEF EXECUTIVE OFFICER/	ADDRESS	CITY	STATE	ZIP CODE
	MARY G. UTICK	3333 CASITAS AVE.	LOS ANGELES	CA	90039
7	SECRETARY/	ADDRESS	CITY	STATE	ZIP CODE
	JOHN D. UTICK	3333 CASITAS AVE.	LOS ANGELES	CA	90039
8	CHIEF FINANCIAL OFFICER/TREASURER	ADDRESS	CITY	STATE	ZIP CODE
	ELIZABETH UTICK	3333 CASITAS AVE.	LOS ANGELES	CA	90039

NAMES AND COMPLETE ADDRESSES OF ALL DIRECTORS, INCLUDING DIRECTORS WHO ARE ALSO OFFICERS (The corporation must have at least one director. Attach additional pages, if necessary.)

9	NAME	ADDRESS	CITY	STATE	ZIP CODE
	MARY G. UTICK	3333 CASITAS AVE.	LOS ANGELES	CA	90039
10	NAME	ADDRESS	CITY	STATE	ZIP CODE
11	NAME	ADDRESS	CITY	STATE	ZIP CODE

12. NUMBER OF VACANCIES ON THE BOARD OF DIRECTORS IF ANY

AGENT FOR SERVICE OF PROCESS (If the agent is an individual, the agent must reside in California and item 14 must be completed with a California street address (a P.O. Box address is not acceptable). If the agent is another corporation, the agent must have on file with the California Secretary of State a certificate pursuant to Corporations Code section 1505 and item 14 must be left blank.)

13. NAME OF AGENT FOR SERVICE OF PROCESS
MARY G. UTICK

14	STREET ADDRESS OF AGENT FOR SERVICE OF PROCESS IN CALIFORNIA IF AN INDIVIDUAL	CITY	STATE	ZIP CODE
	3333 CASITAS AVE.	LOS ANGELES	CA	90039

TYPE OF BUSINESS

15. DESCRIBE THE TYPE OF BUSINESS OF THE CORPORATION
MANUFACTURING OF DOORS AND WINDOWS FOR RECREATIONAL VEHICLES

16. BY SUBMITTING THIS STATEMENT OF INFORMATION TO THE CALIFORNIA SECRETARY OF STATE THE CORPORATION CERTIFIES THE INFORMATION CONTAINED HEREIN, INCLUDING ANY ATTACHMENTS IS TRUE AND CORRECT

01/26/09 WAFREDO FELIPE

CONTROLLER

DATE TYPEPRINT NAME OF PERSON COMPLETING FORM

TITLE

SIGNATURE

State of California
Secretary of State



12-008940

FILED
In the office of the Secretary of State
of the State of California

JAN 19 2012

STATEMENT OF INFORMATION

(Domestic Stock and Agricultural Cooperative Corporations)

FEES (Filing and Disclosure): \$25.00. If amendment, see instructions.

IMPORTANT — READ INSTRUCTIONS BEFORE COMPLETING THIS FORM

This Space For Filing Use Only

1. CORPORATE NAME (Please do not alter if name is preprinted.)

C1304873
HEHR INTERNATIONAL INC.
3333 CASITAS AVENUE
LOS ANGELES, CA 90039

S

DUE DATE:

NO CHANGE STATEMENT (Not applicable if agent address of record is a P.O. Box address. See instructions.)

2. ☒ If there has been no change in any of the information contained in the last Statement of Information filed with the California Secretary of State, check the box and proceed to Item 16.

If there have been any changes to the information contained in the last Statement of Information filed with the California Secretary of State, or no statement has been previously filed, this form must be completed in its entirety.

COMPLETE ADDRESSES FOR THE FOLLOWING (Do not abbreviate the name of the city. Items 3 and 4 cannot be P.O. Boxes.)

3. STREET ADDRESS OF PRINCIPAL EXECUTIVE OFFICE CITY STATE ZIP CODE

4. STREET ADDRESS OF PRINCIPAL BUSINESS OFFICE IN CALIFORNIA, IF ANY CITY STATE ZIP CODE

CA

5. MAILING ADDRESS OF CORPORATION, IF DIFFERENT THAN ITEM 3 CITY STATE ZIP CODE

NAMES AND COMPLETE ADDRESSES OF THE FOLLOWING OFFICERS (The corporation must have these three officers. A comparable title for the specific officer may be added; however, the preprinted titles on this form must not be altered.)

6. CHIEF EXECUTIVE OFFICER/ ADDRESS CITY STATE ZIP CODE

7. SECRETARY/ ADDRESS CITY STATE ZIP CODE

8. CHIEF FINANCIAL OFFICER/ ADDRESS CITY STATE ZIP CODE

NAMES AND COMPLETE ADDRESSES OF ALL DIRECTORS, INCLUDING DIRECTORS WHO ARE ALSO OFFICERS (The corporation must have at least one director. Attach additional pages, if necessary.)

9. NAME ADDRESS CITY STATE ZIP CODE

10. NAME ADDRESS CITY STATE ZIP CODE

11. NAME ADDRESS CITY STATE ZIP CODE

12. NUMBER OF VACANCIES ON THE BOARD OF DIRECTORS, IF ANY:

AGENT FOR SERVICE OF PROCESS (If the agent is an individual, the agent must reside in California and Item 14 must be completed with a California street address (a P.O. Box address is not acceptable). If the agent is another corporation, the agent must have on file with the California Secretary of State a certificate pursuant to Corporations Code section 1505 and Item 14 must be left blank.)

13. NAME OF AGENT FOR SERVICE OF PROCESS

14. STREET ADDRESS OF AGENT FOR SERVICE OF PROCESS IN CALIFORNIA, IF AN INDIVIDUAL CITY STATE ZIP CODE

CA

TYPE OF BUSINESS

15. DESCRIBE THE TYPE OF BUSINESS OF THE CORPORATION

16. BY SUBMITTING THIS STATEMENT OF INFORMATION TO THE CALIFORNIA SECRETARY OF STATE, THE CORPORATION CERTIFIES THE INFORMATION CONTAINED HEREIN, INCLUDING ANY ATTACHMENTS, IS TRUE AND CORRECT.

01/03/12

MARY G. UTICK

PRES. AND C.E.O.

DATE

TYPE/PRINT NAME OF PERSON COMPLETING FORM

TITLE

SIGNATURE

SI-200 N/C (REV 01/2008)

APPROVED BY SECRETARY OF STATE



I hereby certify that the foregoing
transcript of 2 page(s)
is a full, true and correct copy of the
original record in the custody of the
California Secretary of State's office.

FEB 19 2013

Date:

SK

Debra Bowen
DEBRA BOWEN, Secretary of State

ARTICLES OF INCORPORATION
of
DU/WJ Inc.

FILED
In the office of the Secretary of State
of the State of California

APR 17 1984

ARTICLE 1
NAME

MARSH LUNG FU, Secretary of State

By Sharon K. Hastings
Deputy

The name of the corporation is: DU/WJ Inc.

ARTICLE 2
PURPOSE

The purpose of the corporation is to engage in any lawful act or activity for which a corporation may be organized under the General Corporation Law of California other than the banking business, the trust company business or the practice of a profession permitted to be incorporated by the California Corporations Code.

ARTICLE 3
Agent for Service

The name of the corporation's initial agent for service of process is:

Joseph P. Rinnert
333 Casitas Avenue
Los Angeles, California 90039

ARTICLE 4
Authorized Shares

The corporation is authorized to issue one class of shares of stock; and the total number of shares which the corporation is authorized to issue is one hundred thousand (100,000) shares.

ALMARIN CORPORATION, a
California corporation,
Incorporator

By Allen E. Rennett
Allen E. Rennett, President

I declare that I am the person who executed the above Articles of Incorporation on behalf of Almarin Corporation, and that this instrument is the act and deed of Almarin Corporation.

Allen E. Rennett
Allen E. Rennett

MAY 2 1984

MAURICE FORG EU, Secretary of State

Deputy

CERTIFICATE OF AMENDMENT
OF THE
ARTICLES OF INCORPORATION
OF
DU/WJ INC.

The undersigned hereby certify:

1. That they are, respectively, the duly elected and acting President and Chief Financial Officer of DU/WJ Inc., a California corporation;

2. That the Board of Directors of DU/WJ Inc., acting by unanimous consent without a meeting pursuant to Section 307(b) of the California Corporations Code, adopted the following amendment to the Articles of Incorporation on April 30, 1984:

"RESOLVED, that the present Article 1 of the Articles of Incorporation of this corporation be deleted and that the following be inserted in its place and stead:

'ARTICLE 1

Name

The name of this corporation is H. I. Nu-Corp, Inc.'"


3. That the shareholders of the corporation approved the foregoing amendment by written consent taken without a meeting on April 30, 1984, by the required vote of shareholders in accordance with Section 902 of the Corporations Code;

4. That the number of shares entitled to vote on or consent to the amendment is 100,000 shares, being the total number of issued and authorized shares of the common stock, which is the only class or series of stock, of the corporation;

5. That the number of shares voting in favor of the amendment was 100,000 shares, or 100 per cent, which number exceeded the required majority vote.

The undersigned declare under penalty of perjury that the foregoing statements are true and correct of their own knowledge.

Executed this 30th day of April, 1984, in the City of Los Angeles.


Warren F. Jones
President


David J. Utick
Chief Financial Officer

NAME CHANGED TO: HEHR INTERNATIONAL INC.

A281763

1304873
SURV

CERTIFICATE OF OWNERSHIP
MERGING
HEHR INTERNATIONAL INC.
INTO
H. I. NU-CORP, INC.

FILED
In the office of the Secretary of State
of the State of California
MAY 4 1984
MARCH FONG EU, Secretary of State
By Biedman
Deputy

The undersigned hereby certify:

1. That they are, respectively, the duly elected and acting President and Secretary of H. I. Nu-Corp, Inc., a California corporation;
2. That H. I. Nu-Corp, Inc. owns all of the outstanding shares of Hehr International Inc., a California corporation;
3. That the following resolutions were adopted by the unanimous written consent of the Board of Directors of H. I. Nu-Corp, Inc. on May 4, 1984:

WHEREAS, this corporation owns all of the outstanding shares of stock of Hehr International Inc., a California corporation; and,

WHEREAS, the undersigned members of the Board of Directors deem it to be in the best interests of this corporation and its shareholders that this corporation merge with Hehr International Inc.; it is:

RESOLVED, that this corporation merge Hehr International Inc. into this corporation and that this corporation assume all the obligations and liabilities of Hehr International Inc., pursuant to Section 1110 of the California Corporations Code; and,

FURTHER RESOLVED, that the President or Vice President and the Secretary or Assistant Secretary of this corporation be hereby authorized and directed to make all necessary and proper filings and recordings, to execute all documents, and in general to take all necessary and proper actions to carry out the purposes of these resolutions; and,

FURTHER RESOLVED, that this corporation change its name to Hehr International Inc.; and,

FURTHER RESOLVED, that the present Article 1 of the Articles of Incorporation of this corporation be deleted and that the following be inserted in its place and stead:

"ARTICLE 1

Name

The name of this corporation is Hehr International Inc."

The undersigned declare under penalty of perjury that the foregoing statements are true and correct of their own knowledge.

Executed at Los Angeles this 4 day of May, 1984.


Warren F. Jones, President


David J. Utick, Assistant Secretary

1304873

A289479

RESTATED ARTICLES OF INCORPORATION
OF
HEHR INTERNATIONAL INC.

FILED
In the office of the Secretary of State
of the State of California

OCT 19 1984

MARCH FONG ELL, Secretary of State
James E. Harris
Deputy

The undersigned hereby certify:

1. That they are, respectively, the duly elected and acting Executive Vice President and Secretary of Hehr International Inc., a California corporation;

2. That the board of directors of the corporation authorized and directed the undersigned to execute this certificate by unanimous written consent taken without a meeting on Sept. 11, 1984; and,

3. That the following is the entire text of the Articles of Incorporation of Hehr International Inc. as amended to the date of this certificate:

ARTICLE 1

Name

The name of this corporation is Hehr International Inc.

ARTICLE 2

Purpose

The purpose of the corporation is to engage in any lawful act or activity for which a corporation may be organized under the General Corporation Law of California other than the banking business, the trust company business or the practice of a profession permitted to be incorporated by the California Corporations Code.

ARTICLE 3

Authorized Shares

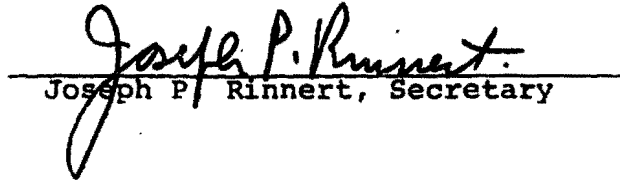
The corporation is authorized to issue one class of shares of stock; and the total number of shares which the corporation is authorized to issue is one hundred thousand (100,000) shares.

The undersigned declare under penalty of perjury
that the foregoing statements are true and correct of their
own knowledge.

Executed at Los Angeles this 11th day of Sept, 1984.



David J. Utick, Executive Vice President



Joseph P. Rinnert, Secretary

1304873

A295294

CERTIFICATE OF AMENDMENT
OF THE
RESTATED ARTICLES OF INCORPORATION
OF
HEHR INTERNATIONAL INC.

FILED
In the office of the Secretary of State
of the State of California

FEB 26 1985

WANCH FONG EU, Secretary of State

Robert. Harris
Deputy

The undersigned hereby certify:

1. That they are, respectively, the duly elected and acting President and Secretary of Hehr International Inc., a California corporation;
2. That the board of directors of the corporation, acting by unanimous written consent without a meeting pursuant to Section 307(b) of the California Corporations Code, adopted the following amendment to the Restated Articles of Incorporation on December 10, 1984:

"RESOLVED, that the text of a new Article 4 be added to the present Restated Articles of Incorporation of the corporation as follows:

'ARTICLE 4

Preemptive Rights

The shareholders of the corporation shall have the preemptive right to subscribe to any and all issues of shares or other securities of the corporation.'

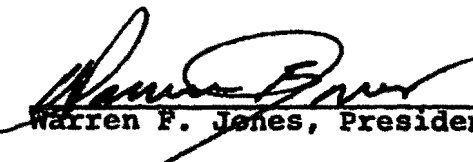
3. That the shareholders of the corporation approved the foregoing amendment by written consent taken without a meeting on December 10, 1984, by the required vote of shareholders in accordance with Section 902 of the Corporations Code;


4. That the number of shares entitled to vote on or consent to the amendment is 100,000 shares, being the total number of issued and authorized shares of the common stock, which is the only class or series of stock, of the corporation; and

5. That the number of shares voting in favor of the amendment was 100,000 shares, or 100 percent, which number exceeded the required majority vote.

The undersigned declare under penalty of perjury that the foregoing statements are true and correct of their own knowledge.

Executed this 11th day of December, 1984, in the City of Los Angeles.


Warren F. Jones, President


Joseph P. Rinnert, Secretary

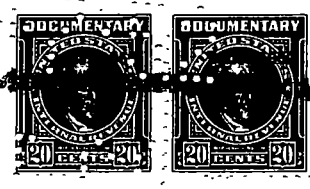


I hereby certify that the foregoing
transcript of 9 page(s)
is a full, true and correct copy of the
original record in the custody of the
California Secretary of State's office.

FEB 19 2013

Date: _____ SK

Debra Bowen
DEBRA BOWEN, Secretary of State



Grant Deed

JOSEPH NUNEZ and MARIE ELIZABETH NUNEZ
husband and wife

in consideration of Ten (\$10.00) and no/100 ----- DOLLARS

to them ----- in hand paid, receipt of which is hereby acknowledged, do ----- hereby grant to

HEHR MANUFACTURING COMPANY, a corporation

the real property in the City of Los Angeles -----, County of Los Angeles -----

State of California, described as:

Lot 1, Block "L" of Tract No. 1723 in the City of Los Angeles, County of Los Angeles, State of California, as per Map recorded in Book 21, Pages 134 and 135 of Maps in the office of the County Recorder of said County.

SUBJECT TO: General and special county and city taxes for the fiscal year 1952-53, a lien, not yet payable;

Covenants, conditions, restrictions, reservations, rights, rights of way and easements of record, if any.

Dated: June 9th, 1952 -----

Joseph Nunez
Marie Nunez

STATE OF CALIFORNIA
COUNTY OF
LOS ANGELES } SS.

On this 9th day of June, 1952,
before me, the undersigned,
a Notary Public in and for said County and State, personally
appeared JOSEPH NUNEZ and MARIE ELIZABETH NUNEZ

known to me to be the person s whose name s are
subscribed to the within instrument and acknowledged that
they executed the same.

WITNESS my hand and official seal

(Seal) *W. E. Young*
Notary Public in and for said County and State.

If executed by a Corporation the Corporation Form of Acknowledgment must be used.

SPACE BELOW FOR RECORDER'S USE ONLY

530
DOCUMENT No. _____
RECORDED AT REQUEST OF
TITLE INSURANCE & TRUST CO.

JUL 7 1952 AT 8 A. M.
BOOK 39318 PAGE 144
IN OFFICIAL RECORDS
County of Los Angeles, California
Fee \$ 1.60
NAME B. BEATTY, County Recorder
By *Y. Buckley* Deputy

160-91

Instrument No. _____

Escrow No. 27-3397

Order No. 3661852

Recorded at request of:

When Recorded Mail to:

Hehr Manufacturing Company
3353 Casitas Avenue
Los Angeles 39, California

CITIZENS NATIONAL BANK

457 South Spring Street

P. O. Box 2457, Terminal Annex

Los Angeles 54, Calif.

Grant Deed

TO

Dated _____ 19 _____

CITIZENS NATIONAL BANK

457 South Spring Street

P. O. Box 2457, Terminal Annex

Los Angeles 54, Calif.

THE TRUST DEPARTMENT OF THIS BANK SERVES AS:

EXECUTOR to conserve and distribute estates under Wills.

ADMINISTRATOR by appointment of Probate Court at request of heirs

- (a) when no Will is left
- (b) when no Executor is named
- (c) when named Executor is unable to serve.

TRUSTEE under Will to preserve and manage property and investments, and by personal appointment to manage property and invest funds, and to disburse proceeds of life insurance policies.

CO-EXECUTOR, CO-ADMINISTRATOR and CO-TRUSTEE.

GUARDIAN of the property of minors and incompetent persons.

AGENT for Executors and Trustees unfamiliar with or not equipped to handle the many details of estate management, and in any capacity connected with the care or management of money or property.

DEPOSITARY of moneys and securities under court order, for purpose of reducing bond of Executor, Administrator, or Guardian.

CUSTODIAN and manager of securities, or of property in any form.

REGISTRAR and TRANSFER AGENT, registering, issuing and certifying the capital stock of corporations.

These are but a few of our many services.

Wills of our customers may be left with us (sealed if desired) for safekeeping, free of charge, subject to withdrawal at any time during business hours.

TRUST DEPARTMENT

HEAD OFFICE

CITIZENS NATIONAL BANK

CITIZENS NATIONAL BANK

*HEAD OFFICE.....457 South Spring Street

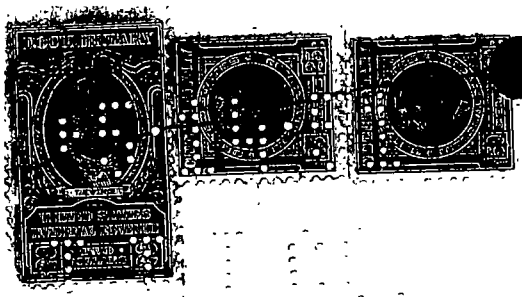
*HILL STREET OFFICE.....736 South Hill Street

SUBWAY TERMINAL OFFICE.....439 South Hill Street

BRANCHES

- | | |
|---|---|
| * ATWATER
3224 Glendale Boulevard | * SANTA BARBARA-FIGUEROA
4021 South Figueroa St. |
| * BEVERLY-FAIRFAX
137 No. Fairfax Ave. | * SEVENTH & ALVARADO
2044 West Seventh Street |
| * BROADWAY & 54TH
5415 South Broadway | * SIXTH & SAN PEDRO
501 East Sixth Street |
| * CENTRAL MFG. DISTRICT
L. A. Union Stockyards | * SOUTH GATE
4300 Tweedy Blvd. |
| * EASTERN-SHEILA
2559 South Eastern Ave. | * THIRD & CATALINA
3651 West Third St. |
| * ECHO PARK-SUNSET
1601 Sunset Boulevard | * UNIVERSITY-WESTWOOD
1088 Westwood Boulevard |
| * EIGHTH & VERMONT
769 South Vermont Ave. | * VAN NUYS
6600 Van Nuys Blvd. |
| * HOLLYWOOD-BRONSON
5882 Hollywood Boulevard | * VERMONT & VERNON
4400 South Vermont Ave. |
| * HOLLYWOOD-MCCADDEN
6720 Hollywood Boulevard | * WASHINGTON-ARLINGTON
2501 W. Washington Blvd. |
| * LARCHMONT BOULEVARD
155 No. Larchmont Blvd. | * WASHINGTON-WEST VIEW
4830 W. Washington Blvd. |
| * LEIMERT PARK
3423 West 43rd Place | * WEST ADAMS & CLOVERDALE
3257 West Adams Blvd. |
| * LINCOLN HEIGHTS
2601 North Broadway | * WESTERN & 34TH
5400 South Western Ave. |
| * MAYWOOD
4500 E. Slauson, Maywood | * WESTERN & TULSA
273 South Western Ave. |
| * MORNINGSIDE PARK
2745 W. Manchester Blvd.
Inglewood | * WESTERN & VIRGINIA
1151 North Western Ave. |
| * PICO-BRONSON
4117 West Pico Boulevard | * WILMINGTON
200 East Anaheim Street |
| * PICO-FIGUEROA
1301 South Figueroa St. | * WILSHIRE-CURSON
5780 Wilshire Boulevard |
| * PICO-SWALL DRIVE
8901 West Pico Boulevard | |
| * PLAZA
110 Sunset Boulevard | |

*Indicates Escrow Department Locations



Grant Deed

2.75

DONALD WAYNE TAYLOR and ARLINE JEAN TAYLOR
husband and wife

in consideration of Ten (\$10.00) and no/100 - - - - - DOLLARS

to them in hand paid, receipt of which is hereby acknowledged, do hereby grant to

HEHR MANUFACTURING COMPANY, a corporation

the real property in the City of Los Angeles County of Los Angeles

State of California, described as:

Lot 2 in Block "L" of Tract No. 1723 in the City of Los Angeles,
County of Los Angeles, State of California, as per Map recorded
in Book 21, Pages 134-135 of Maps in the office of the County
Recorder of said County.

SUBJECT TO: General and special county and city taxes for the fiscal
year 1951-52 a lien, not yet payable;

Covenants, conditions, restrictions, reservations, rights,
rights of way and easements of record, if any;

Deed of Trust of record

Dated: April 23rd, 1951

Donald W Taylor
Arline Jean Taylor
Donald Wayne Taylor

STATE OF CALIFORNIA
COUNTY OF LOS ANGELES } SS.

On this 25th day of April, 19 51
before me, the undersigned,
a Notary Public in and for said County and State, personally
appeared
DONALD WAYNE TAYLOR and ARLINE JEAN TAYLOR

known to me to be the person ss whose name ss are
subscribed to the within instrument and acknowledged that
they executed the same.

WITNESS my hand and official seal.

(Seal) *M. E. Young*
Notary Public in and for said County and State

If executed by a Corporation the Corporation Form of
Acknowledgment must be used.

SPACE BELOW FOR RECORDER'S USE ONLY

DOCUMENT No. 270
RECORDED AT REQUEST OF
TITLE INSURANCE & TRUST CO.

MAY 14 1951 AT 8 A. M.
BOOK 36275 PAGE 85

IN OFFICIAL RECORDS
County of Los Angeles, California

Fee \$ 1.70
MAME B. BEATTY, County Recorder
Robertson Deputy

170-31

Instrument No. _____

Escrow No. 24-70-6

Order No. 307-1234

Recorded at request of:

When Recorded Mail to:

Hehr Manufacturing Co.
3345 Casitas Avenue
Los Angeles 39, Calif.

CITIZENS NATIONAL BANK

457 South Spring Street
P. O. Box 2457, Terminal Annex
Los Angeles 54, Calif.

Grant Deed

TO

Dated _____ 19____

CITIZENS NATIONAL BANK

457 South Spring Street
P. O. Box 2457, Terminal Annex
Los Angeles 54, Calif.

THE TRUST DEPARTMENT OF THIS BANK SERVES AS:

EXECUTOR to conserve and distribute estates under Wills.

ADMINISTRATOR by appointment of Probate Court at request of heirs

- (a) when no Will is left
- (b) when no Executor is named
- (c) when named Executor is unable to serve.

TRUSTEE under Will to preserve and manage property and investments, and by personal appointment to manage property and invest funds, and to disburse proceeds of life insurance policies.

CO-EXECUTOR, CO-ADMINISTRATOR and CO-TRUSTEE.

GUARDIAN of the property of minors and incompetent persons.

AGENT for Executors and Trustees unfamiliar with or not equipped to handle the many details of estate management, and in any capacity connected with the care or management of money or property.

DEPOSITARY of moneys and securities under court order, for purpose of reducing bond of Executor, Administrator, or Guardian.

CUSTODIAN and manager of securities, or of property in any form.

REGISTRAR and TRANSFER AGENT, registering, issuing and certifying the capital stock of corporations.

These are but a few of our many services.

Wills of our customers may be left with us (sealed if desired) for safekeeping, free of charge, subject to withdrawal at any time during business hours.

TRUST DEPARTMENT
HEAD OFFICE

CITIZENS NATIONAL BANK

CITIZENS NATIONAL BANK

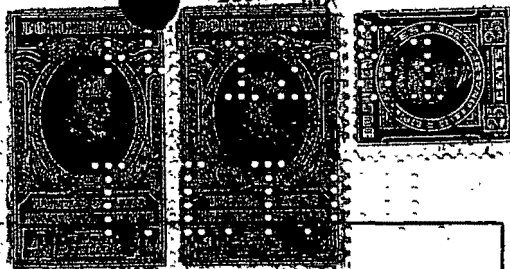
*HEAD OFFICE _____ 457 South Spring Street
*HILL STREET OFFICE _____ 736 South Hill Street
SUBWAY TERMINAL OFFICE _____ 439 South Hill Street

BRANCHES

- | | |
|---|---|
| * ATWATER
3224 Glendale Boulevard | * SANTA BARBARA-FIGUEROA
4021 South Figueroa St. |
| * BEVERLY-FAIRFAX
137 No. Fairfax Ave. | SEVENTH & ALVARADO
2044 West Seventh Street |
| BROADWAY & 34TH
3415 South Broadway | SIXTH & SAN PEDRO
501 East Sixth Street |
| CENTRAL MFG. DISTRICT
L. A. Union Stockyards | * SOUTH GATE
4300 Tweedy Blvd. |
| * ECHO PARK-SUNSET
1601 Sunset Boulevard | THIRD & CATALINA
3631 West Third Street |
| EIGHTH & VERMONT
769 South Vermont Ave. | * UNIVERSITY-WESTWOOD
1088 Westwood Boulevard |
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5882 Hollywood Boulevard | * VAN NUYS
6600 Van Nuys Blvd. |
| * HOLLYWOOD-MCCADDEN
6720 Hollywood Boulevard | VERMONT & VERNON
4400 South Vermont Ave. |
| LARCHMONT BOULEVARD
155 No. Larchmont Blvd. | WASHINGTON-ARLINGTON
2501 W. Washington Blvd. |
| * LEIMERT PARK
3423 West 43rd Place | WASHINGTON-WESTVIEW
4830 W. Washington Blvd. |
| * LINCOLN HEIGHTS
2601 North Broadway | * WEST ADAMS & CLOVERDALE
5257 West Adams Blvd. |
| * MAYWOOD
4500 E. Slauson, Maywood | WESTERN & 34TH
3400 South Western Ave. |
| * MORNINGSIDE PARK
2745 W. Manchester Blvd.
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| PICO-BRONSON
4117 West Pico Boulevard | WESTERN & VIRGINIA
1151 North Western Ave. |
| PICO-FIGUEROA
1301 South Figueroa St. | * WILMINGTON
200 East Anaheim Street |
| * PICO-SWALL DRIVE
8901 West Pico Boulevard | * WILSHIRE-CURSON
5780 Wilshire Boulevard |

*Indicates Escrow Department Locations

Grant Deed



FLORENCE A. PRIDGEN, a widow

in consideration of Ten (\$10.00) and no/100 ----- DOLLARS

to her ----- in hand paid, receipt of which is hereby acknowledged, do SS ----- hereby grant to

HEHR MANUFACTURING COMPANY, a corporation

the real property in the City of Los Angeles -----, County of Los Angeles -----,

State of California, described as:

Lot 3, Block "L" of Tract No. 1723 in the City of Los Angeles, County of Los Angeles, State of California, as per Map recorded in Book 21, Page 134 of Maps in the office of the County Recorder of said County.

SUBJECT TO: General and special county and city taxes for the fiscal year 1951-52 a lien, not yet payable;

Covenants, conditions, restrictions, reservations, rights, rights of way and easements of record, if any.

Dated: March 27th, 1951 -----

Florence A. Pridden

STATE OF CALIFORNIA.
COUNTY OF
LOS ANGELES } SS.

On this 27th day of March, 1951,
before me, the undersigned,
a Notary Public in and for said County and State, personally
appeared

FLORENCE A. PRIDGEN

known to me to be the person ----- whose name is
subscribed to the within instrument and acknowledged that
she ----- executed the same.

WITNESS my hand and official seal.

(Seal) *Raymond MacHair*
Notary Public in and for said County and State.

If executed by a Corporation the Corporation Form of Acknowledgment must be used.
My Commission Expires Oct. 11, 1953

SPACE BELOW FOR RECORDER'S USE ONLY

1426

DOCUMENT No.
RECORDED AT REQUEST OF
TITLE INSURANCE & TRUST CO.

APR 12 1951 AT 8 A. M.
BOOK 36030 PAGE 31
IN OFFICIAL RECORDS
County of Los Angeles, California

Fee \$ 1.50
NAME B. BEATTY, County Recorder
By *Robertson* Deputy

1521/3-7

Instrument No. _____

Escrow No. 27-3028

Order No. 3432124

Recorded at request of: _____

When Recorded Mail to: _____

Hehr Manufacturing Company
3345 Casitas Avenue
Los Angeles 39, California

CITIZENS NATIONAL BANK

457 South Spring Street
P.O. Box 2457, Terminal Annex
Los Angeles 54, Calif.

BLK L
L 3
Grant Deed

TO

Dated..... 19.....

CITIZENS NATIONAL BANK

457 South Spring Street
P. O. Box 2457, Terminal Annex
Los Angeles 54, Calif.

**THE TRUST DEPARTMENT OF THIS
BANK SERVES AS:**

EXECUTOR to conserve and distribute estates under Wills.

ADMINISTRATOR by appointment of Probate Court at request of heirs

- (a) when no Will is left
- (b) when no Executor is named
- (c) when named Executor is unable to serve.

TRUSTEE under Will to preserve and manage property and investments, and by personal appointment to manage property and invest funds, and to disburse proceeds of life insurance policies.

CO-EXECUTOR, CO-ADMINISTRATOR and CO-TRUSTEE.

GUARDIAN of the property of minors and incompetent persons.

AGENT for Executors and Trustees unfamiliar with or not equipped to handle the many details of estate management, and in any capacity connected with the care or management of money or property.

DEPOSITARY of moneys and securities under court order, for purpose of reducing bond of Executor, Administrator, or Guardian.

CUSTODIAN and manager of securities, or of property in any form.

REGISTRAR and TRANSFER AGENT, registering, issuing and certifying the capital stock of corporations.

These are but a few of our many services.

Wills of our customers may be left with us (sealed if desired) for safekeeping, free of charge, subject to withdrawal at any time during business hours.

TRUST DEPARTMENT
HEAD OFFICE

CITIZENS NATIONAL BANK

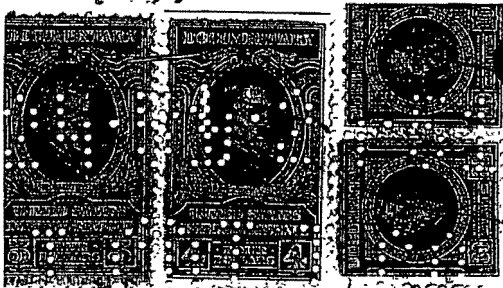
CITIZENS NATIONAL BANK

*HEAD OFFICE.....457 South Spring Street
*HILL STREET OFFICE.....736 South Hill Street
SUBWAY TERMINAL OFFICE.....439 South Hill Street

BRANCHES

* ATWATER 3224 Glendale Boulevard	* SANTA BARBARA-FIGUEROA 4021 South Figueroa St.
* BEVERLY-FAIRFAX 137 No. Fairfax Ave.	SEVENTH & ALVARADO 2044 West Seventh Street
BROADWAY & 54TH 5415 South Broadway	SIXTH & SAN PEDRO 501 East Sixth Street
CENTRAL MFG. DISTRICT L. A. Union Stockyards	* SOUTH GATE 4300 Tweedy Blvd.
* ECHO PARK-SUNSET 1601 Sunset Boulevard	THIRD & CATALINA 3651 West Third Street
EIGHTH & VERMONT 769 South Vermont Ave.	* UNIVERSITY-WESTWOOD 1088 Westwood Boulevard
HOLLYWOOD-BRONSON 5882 Hollywood Boulevard	* VAN NUYS 6600 Van Nuys Blvd.
* HOLLYWOOD-MCCADDEN 6720 Hollywood Boulevard	VERMONT & VERNON 4400 South Vermont Ave.
LARCHMONT BOULEVARD 155 No. Larchmont Blvd.	WASHINGTON-ARLINGTON 2501 W. Washington Blvd.
* LEIMERT PARK 3423 West 43rd Place	WASHINGTON-WESTVIEW 4830 W. Washington Blvd.
* LINCOLN HEIGHTS 2601 North Broadway	* WEST ADAMS & CLOVERDALE 5257 West Adams Blvd.
* MAYWOOD 4500 E. Slauson, Maywood	WESTERN & 54TH 5400 South Western Ave.
* MORNINGSIDE PARK 2745 W. Manchester Blvd. Inglewood	* WESTERN & THIRD 273 South Western Ave.
PICO-BRONSON 4117 West Pico Boulevard	WESTERN & VIRGINIA 1151 North Western Ave.
PICO-FIGUEROA 1301 South Figueroa St.	* WILMINGTON 200 East Anaheim Street
* PICO-SWALL DRIVE 8901 West Pico Boulevard	* WILSHIRE-CURSON 5780 Wilshire Boulevard

*Indicates Escrow Department Locations



Grant Deed

\$9.90 L.R.S.

OTIS O. TANNEHILL and GERTRUDE M. TANNEHILL
husband and wifein consideration of Ten (\$10.00) and no/100 ----- DOLLARSto them ----- in hand paid, receipt of which is hereby acknowledged, do ----- hereby grant to

HEHR MANUFACTURING COMPANY, a corporation

the real property in the City of Los Angeles -----, County of Los Angeles -----,

State of California, described as:

Lot 4, Block "L" of Tract No. 1723 in the City of Los Angeles, County of
Los Angeles, State of California, as per Map recorded in Book 21, Pages
134 and 135 of Maps in the office of the County Recorder of said County.SUBJECT TO: General and special county and city taxes for the fiscal year
1941-42 a lien, not yet payable;Covenants, conditions, restrictions, reservations, rights,
rights of way and easements of record, if any.Dated: April 17th, 1951 -----+ Otis O. Tannehill
+ Gertrude M. TannehillSTATE OF CALIFORNIA
COUNTY OF
LOS ANGELES

} SS.

On this 17th day of April, 19 51
before me, the undersigned,
a Notary Public in and for said County and State, personally
appearedOTIS O. TANNEHILL and GERTRUDE M.
TANNEHILLknown to me to be the person s whose name s are
subscribed to the within instrument and acknowledged that
they executed the same.

WITNESS my hand and official seal.

(Seal) H. Raymond MacNair
Notary Public in and for said County and State
My Commission Expires Oct. 11, 1953If executed by a Corporation the Corporation Form of
Acknowledgment must be used.

SPACE BELOW FOR RECORDER'S USE ONLY

1107

DOCUMENT No. -----
RECORDED AT REQUEST OF
TITLE INSURANCE & TRUST CO.

APR 24 1951 AT 8 A. M.

BOOK 36120 PAGE 395

IN OFFICIAL RECORDS
County of Los Angeles, CaliforniaFee \$ 1.60

MAINE B. BEATTY, County Recorder

By J. Donovan Deputy

16031

Instrument No. _____

Escrow No. 3049

Order No. 3445162

Recorded at request of:

When Recorded Mail to:

Behr Manufacturing Company
3345 Casitas Avenue
Los Angeles 39, Calif.

Grant Deed

TO

Dated..... 19.....

CITIZENS NATIONAL BANK

457 South Spring Street
P. O. Box 2457, Terminal Annex
Los Angeles 54, Calif.

CITIZENS NATIONAL BANK

457 South Spring Street
P. O. Box 2457, Terminal Annex
Los Angeles 54, Calif.

THE TRUST DEPARTMENT OF THIS BANK SERVES AS:

EXECUTOR to conserve and distribute estates under Wills.

ADMINISTRATOR by appointment of Probate Court at request of heirs

- (a) when no Will is left
- (b) when no Executor is named
- (c) when named Executor is unable to serve.

TRUSTEE under Will to preserve and manage property and investments, and by personal appointment to manage property and invest funds, and to disburse proceeds of life insurance policies.

CO-EXECUTOR, CO-ADMINISTRATOR and CO-TRUSTEE.

GUARDIAN of the property of minors and incompetent persons.

AGENT for Executors and Trustees unfamiliar with or not equipped to handle the many details of estate management, and in any capacity connected with the care or management of money or property.

DEPOSITARY of moneys and securities under court order, for purpose of reducing bond of Executor, Administrator, or Guardian.

CUSTODIAN and manager of securities, or of property in any form.

REGISTRAR and TRANSFER AGENT, registering, issuing and certifying the capital stock of corporations.

These are but a few of our many services.

Wills of our customers may be left with us (sealed if desired) for safekeeping, free of charge, subject to withdrawal at any time during business hours.

TRUST DEPARTMENT
HEAD OFFICE

CITIZENS NATIONAL BANK

CITIZENS NATIONAL BANK

*HEAD OFFICE.....457 South Spring Street

*HILL STREET OFFICE.....736 South Hill Street

SUBWAY TERMINAL OFFICE.....439 South Hill Street

BRANCHES

- | | |
|---|---|
| * ATWATER
3224 Glendale Boulevard | * SANTA BARBARA-FIGUEROA
4021 South Figueroa St. |
| * BEVERLY-FAIRFAX
137 No. Fairfax Ave. | SEVENTH & ALVARADO
2044 West Seventh Street |
| BROADWAY & 54TH
5415 South Broadway | SIXTH & SAN PEDRO
501 East Sixth Street |
| CENTRAL MFG. DISTRICT
L. A. Union Stockyards | * SOUTH GATE
4300 Tweedy Blvd. |
| * ECHO PARK-SUNSET
1601 Sunset Boulevard | THIRD & CATALINA
3651 West Third Street |
| EIGHTH & VERMONT
769 South Vermont Ave. | * UNIVERSITY-WESTWOOD
1088 Westwood Boulevard |
| HOLLYWOOD-BRONSON
5882 Hollywood Boulevard | * VAN NUYS
6600 Van Nuys Blvd. |
| * HOLLYWOOD-MCCADDEN
6720 Hollywood Boulevard | VERMONT & VERNON
4400 South Vermont Ave. |
| LARCHMONT BOULEVARD
155 No. Larchmont Blvd. | WASHINGTON-ARLINGTON
2501 W. Washington Blvd. |
| * LEIMBERT PARK
3423 West 43rd Place | WASHINGTON-WESTVIEW
4830 W. Washington Blvd. |
| * LINCOLN HEIGHTS
2601 North Broadway | * WEST ADAMS & CLOVERDALE
5257 West Adams Blvd. |
| * MAYWOOD
4500 E. Slauson, Maywood | WESTERN & 54TH
5400 South Western Ave. |
| * MORNINGSIDE PARK
2745 W. Manchester Blvd.
Inglewood | * WESTERN & THIRD
273 South Western Ave. |
| PICO-BRONSON
4117 West Pico Boulevard | WESTERN & VIRGINIA
1151 North Western Ave. |
| PICO-FIGUEROA
1301 South Figueroa St. | * WILMINGTON
200 East Anaheim Street |
| * PICO-SWALL DRIVE
8901 West Pico Boulevard | * WILSHIRE-CURSON
5780 Wilshire Boulevard |
| PLAZA
110 Sunset Boulevard | |

*Indicates Escrow Department Locations

Grant Deed

GEORGE E. DENSMORE and LELA R. DENSMORE
husband and wife

in consideration of Ten (\$10.00) and no/100 ----- DOLLARS

to them ----- in hand paid, receipt of which is hereby acknowledged, do ----- hereby grant to

HEHR MANUFACTURING COMPANY, a corporation

the real property in the City of Los Angeles -----, County of Los Angeles -----

State of California, described as:

Lot 5, Block "L" of Tract No. 1723 in the City of Los Angeles, County of Los Angeles, State of California, as per Map recorded in Book 21, Page 134 of Maps in the office of the County Recorder of said County.

SUBJECT TO: 2nd half general and special county and city taxes for fiscal year 1950-51;

Covenants, conditions, restrictions, reservations, rights, rights of way and easements of record, if any.

Deed of Trust of record

Dated: January 15th, 1951 -----

+ George E. Densmore
+ Lela R. Densmore

STATE OF CALIFORNIA
COUNTY OF LOS ANGELES } SS.

On this 16th day of January, 1951,
before me, the undersigned,
a Notary Public in and for said County and State, personally
appeared
George E. Densmore and Lela R. Densmore

known to me to be the person ss whose name ss ss
subscribed to the within instrument and acknowledged that
they executed the same.

WITNESS my hand and official seal.

(Seal) M. E. Young
Notary Public in and for said County and State.

If executed by a Corporation the Corporation Form of Acknowledgment must be used.

My Commission Expires Nov. 4, 1951

SPACE BELOW FOR RECORDER'S USE ONLY

894

DOCUMENT No.
RECORDED AT REQUEST OF
TITLE INSURANCE & TRUST CO.

FEB 6 1951 AT 8 A.M.
BOOK 35498 PAGE 109

IN OFFICIAL RECORDS
County of Los Angeles, California

Fee \$ 160

NAME B. BEATTY County Recorder

By Attorneys Deputy

894

1609

Instrument No. _____

Escrow No. _____

Order No. 250403

Recorded at request of:

When Recorded Mail to:

Hehr Manufacturing Company
3345 Casitas Avenue
Los Angeles, 39, California

CITIZENS NATIONAL BANK

457 South Spring Street

P. O. Box 2457, Terminal Annex

Los Angeles 54, Calif.

Grant Deed

TO

Dated _____ 19____

CITIZENS NATIONAL BANK

457 South Spring Street

P. O. Box 2457, Terminal Annex

Los Angeles 54, Calif.

THE TRUST DEPARTMENT OF THIS BANK SERVES AS:

EXECUTOR to conserve and distribute estates under Wills.

ADMINISTRATOR by appointment of Probate Court at request of heirs

- (a) when no Will is left
- (b) when no Executor is named
- (c) when named Executor is unable to serve.

TRUSTEE under Will to preserve and manage property and investments, and by personal appointment to manage property and invest funds, and to disburse proceeds of life insurance policies.

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AGENT for Executors and Trustees unfamiliar with or not equipped to handle the many details of estate management, and in any capacity connected with the care or management of money or property.

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TRUST DEPARTMENT

HEAD OFFICE

CITIZENS NATIONAL BANK

CITIZENS NATIONAL BANK

*HEAD OFFICE _____ 457 South Spring Street

*HILL STREET OFFICE _____ 736 South Hill Street

SUBWAY TERMINAL OFFICE _____ 439 South Hill Street

BRANCHES

- | | |
|---|---|
| * ATWATER
3224 Glendale Boulevard | PLAZA
110 Sunset Boulevard |
| * BEVERLY-FAIRFAX
137 No. Fairfax Ave.
BROADWAY & 54TH
5415 South Broadway | * SANTA BARBARA-FIGUEROA
4021 South Figueroa St.
SEVENTH & ALVARADO
2044 West Seventh Street |
| CENTRAL MFG. DISTRICT
L. A. Union Stockyards | SIXTH & SAN PEDRO
501 East Sixth Street |
| * ECHO PARK-SUNSET
1601 Sunset Boulevard | THIRD & CATALINA
3651 West Third Street |
| EIGHTH & VERMONT
769 South Vermont Ave. | * UNIVERSITY-WESTWOOD
1088 Westwood Boulevard |
| HOLLYWOOD-BRONSON
5882 Hollywood Boulevard | * VAN NUYS BRANCH
6600 Van Nuys Blvd. |
| * HOLLYWOOD-MCCADDEN
6720 Hollywood Boulevard | VERMONT & VERNON
4400 South Vermont Ave. |
| LARCHMONT BOULEVARD
155 No. Larchmont Blvd. | WASHINGTON-ARLINGTON
2501 W. Washington Blvd. |
| * LEIMERT PARK
3423 West 43rd Place | WASHINGTON-WESTVIEW
4830 W. Washington Blvd. |
| * LINCOLN HEIGHTS
2601 North Broadway | * WEST ADAMS & CLOVERDALE
5257 West Adams Blvd. |
| * MAYWOOD
4500 E. Slauson, Maywood | WESTERN & 54TH
5400 South Western Ave. |
| * MORNINGSIDE PARK
2745 W. Manchester Blvd.
Inglewood | * WESTERN & THIRD
273 South Western Ave. |
| PICO-BRONSON
4117 West Pico Boulevard | WESTERN & VIRGINIA
1151 North Western Ave. |
| PICO-FIGUEROA
1301 South Figueroa St. | * WILMINGTON
200 East Anaheim Street |
| * PICO-SWALL DRIVE
8901 West Pico Boulevard | * WILSHIRE-CURSON
5780 Wilshire Boulevard |

*Indicates Escrow Department Locations

Grant Deed

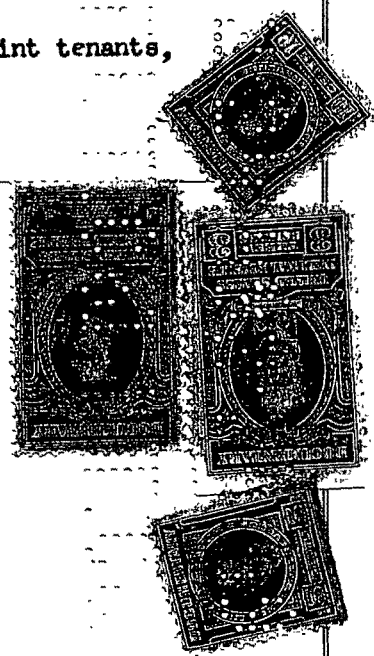
CHARLES J. BRUCK and ANNA BRUCK, husband and wife,

in consideration of TEN AND NO/100 - - - DOLLARS
to them in hand paid, receipt of which is hereby acknowledged, do _____ hereby
Grant to

ELMER T. HEHR and DOLORES HEHR, husband and wife, as joint tenants,

the real property in the City of Los Angeles,
County of Los Angeles, State of California, described as

Lot 6 in Block "L" of Tract 1723, in
the City of Los Angeles, County of Los
Angeles, State of California, as per
map recorded in Book 21 Pages 134 and
135 of Maps, in the office of the County
Recorder of said County;



SUBJECT TO: Second installment general and special County
and City taxes for the fiscal year 1948-49;

Covenants, conditions, restrictions, reservations,
easements, rights, and rights of way of record,
if any.

Witness our hands this 3rd day of February, 19 49

Charles J. Bruck
Mrs. Anna Bruck

STATE OF CALIFORNIA } ss.
COUNTY OF LOS ANGELES }

On this 4th day of February, 1949, before me

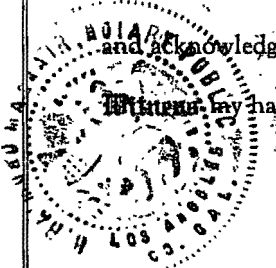
the undersigned, _____ a Notary Public in and for said

County, personally appeared CHARLES J. BRUCK and ANNA BRUCK,

known to me to be the persons whose names are subscribed to the foregoing instrument

and acknowledged that they executed the same.

In witness my hand and Official Seal.



HP Raymond M. Nair
Notary Public in and for the County of Los Angeles, State of California.
My Commission Expires October 1, 1950

Grunt Tapp

INDIVIDUAL

TO

Dated

19

CITIZENS NATIONAL BANK

HEAD OFFICE

457 SO. SPRING ST.

P. O. BOX 2457, TERMINAL ANNEX

LOS ANGELES 54, CALIFORNIA

DOCUMENT No. 779
RECORDED AT REQUEST OF
TITLE INSURANCE & TRUST CO.

FEB 24 1949 AT 8 A. M.

BOOK 29445 PAGE 92
IN OFFICIAL RECORDS
County of Los Angeles, California

Fee \$ 1.20

MAME B. BEATTY, County Recorder

By *A. B. Hinkle* Deputy

Order No. _____

When recorded please mail this deed to

Mr. and Mrs. Elmer T. Hehr
3345 Castles Avenue
Los Angeles 26, Calif.

170-3

622



MPS

Grant Deed

Affix I. R. S. \$

398 4-50

THIS FORM FURNISHED BY TITLE INSURANCE AND TRUST COMPANY

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged,

ELMER T. HEHR and DOLORES Y. HEHR, husband and wife

, do hereby

GRANT to

COMPANY

HEHR MANUFACTURING CO., a California corporation

the real property in the
state of California, described as:

county of Los Angeles

Lots 6, 7, 8 and 9 Block "L" Tract 1723 as per map recorded in
Book 21 Pages 134 and 135 of Maps in the office of the County
Recorder of said County.

Dated: February 27, 1951

Elmer T. Hehr

Dolores Y. Hehr

STATE OF CALIFORNIA
COUNTY OF

SS.

Los Angeles

On March 2nd 1951
before me, the undersigned, a Notary Public in
and for said County and State, personally appeared
Elmer T. Hehr and Dolores Y. Hehrknown to me to be the person(s) whose name(s) are
subscribed to the within instrument and acknowledged that
they executed the same.

WITNESS my hand and official seal.

(Seal)

M. E. Young
Notary Public in and for said County and State.

My Commission Expires Nov. 4, 1951

SPACE BELOW FOR RECORDER'S USE ONLY

DOCUMENT No. 114
RECORDED AT REQUEST OF
TITLE INSURANCE & TRUST CO.MAR 16 1951 AT 8 A.M.
BOOK 35812 PAGE 435
IN OFFICIAL RECORDS
County of Los Angeles, CaliforniaFee \$ 1.60
NAME B. BEATTY, County Recorder
By [Signature] Deputy



TITLE INSURANCE AND TRUST COMPANY

INYO-MONO COUNTIES
149 NORTH EDWARDS STREET, INDEPENDENCE

KERN COUNTY
1715 CHESTER AVENUE, BAKERSFIELD

RIVERSIDE COUNTY
3940 MAIN STREET, RIVERSIDE

SAN DIEGO COUNTY
1028 SECOND AVENUE, SAN DIEGO 12

SAN LUIS OBISPO COUNTY
777 HIGUERA STREET, SAN LUIS OBISPO

SANTA BARBARA COUNTY
920 STATE STREET, SANTA BARBARA

TULARE COUNTY
204 WEST MAIN STREET, VISALIA

VENTURA COUNTY
471 EAST MAIN STREET, VENTURA

Title Order No. 3415232

Escrow or Loan No. 9455

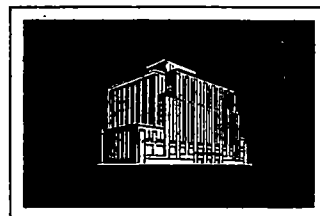
Recorded at the request of:

WHEN RECORDED MAIL TO

Hehr Manufacturing Co.

3345 Casitas Ave.

Los Angeles 39, California



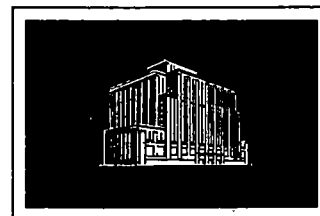
TITLE INSURANCE AND TRUST COMPANY

INCORPORATED 1893
HOME OFFICE
433 SOUTH SPRING STREET, LOS ANGELES 13

GRANT DEED

TO

DATED



TITLE INSURANCE AND TRUST COMPANY

INCORPORATED 1893
HOME OFFICE
433 SOUTH SPRING STREET, LOS ANGELES 13



TITLE INSURANCE AND TRUST COMPANY

INYO-MONO COUNTIES
149 NORTH EDWARDS STREET, INDEPENDENCE

KERN COUNTY
1715 CHESTER AVENUE, BAKERSFIELD

RIVERSIDE COUNTY
3940 MAIN STREET, RIVERSIDE

SAN DIEGO COUNTY
1028 SECOND AVENUE, SAN DIEGO 12

SAN LUIS OBISPO COUNTY
777 HIGUERA STREET, SAN LUIS OBISPO

SANTA BARBARA COUNTY
920 STATE STREET, SANTA BARBARA

TULARE COUNTY
204 WEST MAIN STREET, VISALIA

VENTURA COUNTY
471 EAST MAIN STREET, VENTURA

1947

Grant Deed

ALLEN W. BROKATE and MARY V. BROKATE
husband and wife

in consideration of Ten (\$10.00) and no/100 ----- DOLLARS

to them in hand paid, receipt of which is hereby acknowledged, do ----- hereby

Grant to ELMER T. HEHR and DOLORES Y. HEHR,
husband and wife, as joint tenants

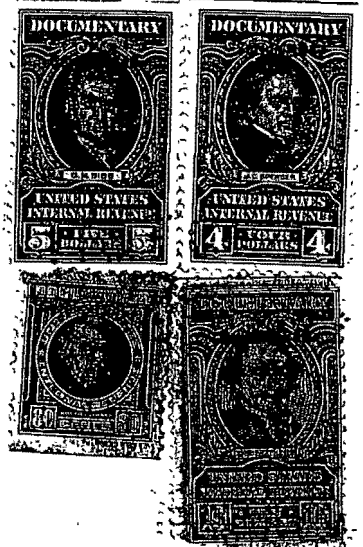
the real property in the City of Los Angeles

County of Los Angeles, State of California, described as

Lots 8 and 9, Block "L", Tract 1723 in the City of Los Angeles,
County of Los Angeles, State of California, as per Map recorded in
Book 21, Pages 134 and 135 of Maps in the office of the County Recorder
of said County.

SUBJECT TO: General and Special County and City taxes for the fiscal year
1947-48 a lien, not yet payable;

Covenants, conditions, restrictions, reservations, rights, rights
of way and easements of record, if any.



Witness our hands this 26th day of May, 19 47.

+ Allen W. Brokate
+ Mary V. Brokate
Allen W. Brokate

STATE OF CALIFORNIA } ss.
COUNTY OF LOS ANGELES }

On this 26th day of May, 19 47, before me

the undersigned

a Notary Public in and for said

County, personally appeared Allen W. Brokato and
Mary V. Brokato

known to me to be the persons whose names are subscribed to the foregoing instrument
and acknowledged that they executed the same.

Witness my hand and Official Seal.

Hermon Kambrity
Notary Public in and for the County of Los Angeles, State of California.
NOTARY PUBLIC
IN AND FOR THE COUNTY OF LOS ANGELES, STATE OF CALIFORNIA
My Commission Expires Feb. 7, 1950

Grant Beatty

INDIVIDUAL

TO

ST 9
E T H B H C

Dated _____ 19 ____

CITIZENS NATIONAL BANK

HEAD OFFICE
457 SO. SPRING ST.
P. O. BOX 2487, TERMINAL ANNEX
LOS ANGELES 54, CALIFORNIA

242

Order No. 2642639

When recorded please mail this deed to

Mr. and Mrs. Elmer F. Hehr
3345 Castles Avenue
Los Angeles 26, California

RECORDED AT REQUEST OF

TITLE INSURANCE & TRUST CO.

JUN 17 1947 at 8 A. M.

In Book 24698 Page 138

of Official Records,

County of Los Angeles, California

Fee \$ _____ Folio _____

MADE R. BEATTY, County Recorder

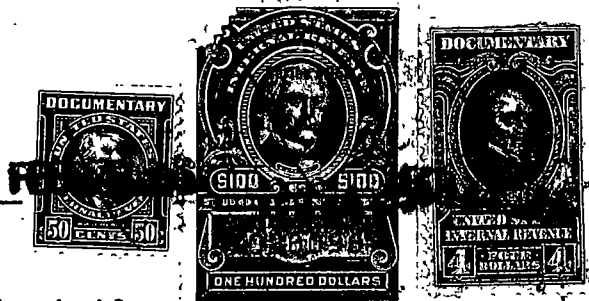
By _____ #50

COUNTER 72

123

10 1/2

Grant Deed



J. CARROLL DUNCAN and KATHARINE R. DUNCAN, husband and wife,

in consideration of - TEN - DOLLARS

to them in hand paid, receipt of which is hereby acknowledged, do hereby grant to

HEHR MANUFACTURING COMPANY,

the real property in the City of Los Angeles, County of Los Angeles

State of California, described as:

Lots 10, 11, 12, 13 and 14, all in Block "L" of Tract No. 1723,
as per map recorded in Book 21, Page 134 of Maps, in the office
of the County Recorder of said County.

SUBJECT TO:

Second Installment of General and Special taxes for the fiscal
year 1955-1956.
Conditions, restrictions, reservations, easements, rights and
rights of way of record.

Dated: December 23, 1955

J. Carroll Duncan
Katharine R. Duncan

STATE OF CALIFORNIA
COUNTY OF
Los Angeles } SS.

On this 23 day of December, 1955,
before me, the undersigned,
a Notary Public in and for said County and State, personally
appeared J. Carroll Duncan and
Katharine R. Duncan
known to me to be the persons whose names are
subscribed to the within instrument and acknowledged that
they executed the same.

WITNESS my hand and official seal.

(Seal) *Virginia D. Howe*
Notary Public in and for said County and State.

If executed by a Corporation the Corporation Form of
Acknowledgment must be used.

SPACE BELOW FOR RECORDER'S USE ONLY

DOCUMENT No. **1282**
RECORDED AT REQUEST OF
TITLE INSURANCE & TRUST CO.
FEB 24 1956 AT 8 A.M.

BOOK 50402 PAGE 300
OFFICIAL RECORDS
RAY E. LEE, RECORDER
LOS ANGELES COUNTY, CALIF.

Fee \$2.00 1 W

NP

1282

Instrument No.

Escrow No. 27-4669

Order No. 413058

Recorded at request of:

When Recorded Mail to:

Hehr Manufacturing Company

3353 Casitas Ave.

Los Angeles, 39, Calif.

CITIZENS NATIONAL
TRUST AND SAVINGS
BANK
OF LOS ANGELES

457 South Spring Street.
Mailing Address
P. O. Box 2457, Terminal Annex
Los Angeles 54, California

Grant Deed

TO

Dated..... 19.....

CITIZENS NATIONAL
TRUST AND SAVINGS
BANK
OF LOS ANGELES

457 South Spring Street
Mailing Address
P. O. Box 2457, Terminal Annex
Los Angeles 54, California

THE TRUST DEPARTMENT OF THIS BANK SERVES AS:

EXECUTOR to conserve and distribute estates under Wills.

ADMINISTRATOR by appointment of Probate Court at request of heirs

- (a) when no Will is left
- (b) when no Executor is named
- (c) when named Executor is unable to serve.

TRUSTEE under Will to preserve and manage property and investments, and by personal appointment to manage property and invest funds, and to disburse proceeds of life insurance policies.

CO-EXECUTOR, CO-ADMINISTRATOR and CO-TRUSTEE.

GUARDIAN of the property of minors and incompetent persons.

AGENT for Executors and Trustees unfamiliar with or not equipped to handle the many details of estate management, and in any capacity connected with the care or management of money or property.

DEPOSITARY of moneys and securities under court order, for purpose of reducing bond of Executor, Administrator, or Guardian.

CUSTODIAN and manager of securities, or of property in any form.

REGISTRAR and TRANSFER AGENT, registering, issuing and certifying the capital stock of corporations.

These are but a few of our many services.

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TRUST DEPARTMENT
HEAD OFFICE

Citizens National Trust & Savings Bank
OF LOS ANGELES

Citizens National Trust & Savings Bank
OF LOS ANGELES

*HEAD OFFICE.....457 South Spring Street

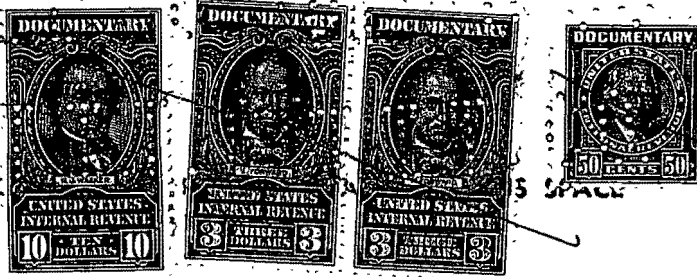
BRANCHES

- | | |
|---|--|
| * ATWATER
3250 Glendale Boulevard | * PICO-SWALL DRIVE
8901 West Pico Boulevard |
| * BALDWIN HILLS
3725 So. La Brea Ave. | * SANTA BARBARA-FIGUEROA
4021 South Figueroa St. |
| * BEVERLY-FAIRFAX
137 No. Fairfax Ave.
BROADWAY & 54TH
5415 South Broadway | * SEPULVEDA-NATIONAL
3016 So. Sepulveda Blvd.
SEVENTH & ALVARADO
2044 West Seventh Street |
| * BURBANK
900 N. San Fernando Blvd.
CENTRAL MFG. DISTRICT
L. A. Union Stockyards | * SIXTH & SAN PEDRO
501 East Sixth Street
* SOUTH ARCADIA
11140 Live Oak Ave. |
| * EASTERN-SHERLA
2559 South Eastern Ave. | * SOUTH BAY
1624 South Pacific Coast Highway, Redondo Beach |
| * ECHO PARK-SUNSET
1624 Sunset Boulevard
EIGHTH & VERMONT
769 South Vermont Ave. | * SOUTH GATE
4300 Tweedy Blvd.
SUBWAY TERMINAL
439 South Hill Street |
| * HILL STREET
736 South Hill Street | * THIRD & CATALINA
3651 West Third Street |
| * HOLLYWOOD-MCCADDEN
6720 Hollywood Boulevard | * UNIVERSITY-WESTWOOD
10925 Kinross Avenue |
| * LARCHMONT BOULEVARD
245 No. Larchmont Blvd. | * VAN NUYS
6600 Van Nuys Blvd. |
| * LA TIJERA-CENTINELA
6885 La Tijera Blvd. | * WASHINGTON-ARLINGTON
2501 W. Washington Blvd. |
| * LEIMERT PARK
3423 W. 43rd Place | * WASHINGTON-WEST VIEW
4830 W. Washington Blvd. |
| * LINCOLN HEIGHTS
2601 North Broadway | * WESTERN & 54TH
5400 South Western Ave. |
| * MAYWOOD
4500 E. Slauson, Maywood | * WESTERN & THIRD
273 South Western Ave. |
| * MORNINGSIDE PARK
2745 W. Manchester Blvd.
Inglewood | * WESTERN & VIRGINIA
1151 North Western Ave. |
| * PICO-BRONSON
4117 West Pico Boulevard | * WILMINGTON
1009 North Avalon Blvd. |
| * PICO-FIGUEROA
1301 South Figueroa St. | * WILSHIRE-CURSON
5780 Wilshire Boulevard |

*Indicates Escrow Department Locations

SPACE ABOVE THIS LINE FOR RECORDER'S USE

PLAC



Grant Deed

Affix I. R. S. \$ 16.50

398 10-54

THIS FORM FURNISHED BY TITLE INSURANCE AND TRUST COMPANY

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged,

THOMAS H. RHODES and WINIFRED A. RHODES, his wife,

hereby GRANT(S) to

HEHR MANUFACTURING COMPANY, a California Corporation,

the following described real property in the state of California, county of Los Angeles,

Lots 15 and 16 in Block "L" of Tract No. 1723, in the city of
Los Angeles, as per map recorded in book 21 pages 134 and 135
of Maps, in the office of the county recorder of said county.

Subject to: General and special taxes for the fiscal year 1955-1956,
a lien not yet payable.
Covenants, conditions, restrictions, reservations, rights,
rights of way and easements of record.

Dated: October 10, 1955

STATE OF CALIFORNIA
COUNTY OF

Los Angeles

SS.

On October 26, 1955
before me, the undersigned, a Notary Public in
and for said County and State, personally appeared
Thomas H. Rhodes and
Winifred A. Rhodes

known to me to be the persons whose names are
subscribed to the within instrument and acknowledged that
they executed the same.

WITNESS my hand and official seal.

(Seal) *[Signature]*
Notary Public in and for said County and State.

WHEN RECORDED MAIL TO

Hehr Manufacturing Co.
c/o Mr. Warren F. Jones
3353 Casitas Avenue
Los Angeles 39, Calif.

Title Order No. 4398301

Escrow or Loan No. 212-8918

Thomas H. Rhodes
x Thomas H. Rhodes
Winifred A. Rhodes
x Winifred A. Rhodes

SPACE BELOW FOR RECORDER'S USE ONLY

H. S. NORRIS
NOTARY PUBLIC in and for the County
of Los Angeles, State of California.
My Commission Expires April 2, 1958

DOCUMENT No. 800
RECORDED AT REQUEST OF
TITLE INSURANCE & TRUST CO.

NOV 8 1955 AT 8 A.M.

BOOK 49465 PAGE 167

OFFICIAL RECORDS

Los Angeles County, Calif.

Fee \$ 1.60

RAY E. LEE, RECORDER

800

160-31



TITLE INSURANCE AND TRUST COMPANY

FRESNO COUNTY
1117 VAN NESS AVENUE, FRESNO

INYO-MONO COUNTIES
149 NORTH EDWARDS STREET, INDEPENDENCE

KERN COUNTY
17TH AND "I" STREETS, BAKERSFIELD
1331 CHESTER AVENUE, BAKERSFIELD

ORANGE COUNTY
416 NORTH MAIN STREET, SANTA ANA

RIVERSIDE COUNTY
3940 MAIN STREET, RIVERSIDE

SAN DIEGO COUNTY
1028 SECOND AVENUE, SAN DIEGO 12

SAN LUIS OBISPO COUNTY
777 HIGUERA STREET, SAN LUIS OBISPO

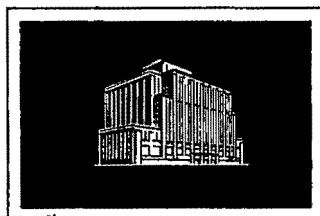
SANTA BARBARA COUNTY
36 EAST FIGUEROA STREET, SANTA BARBARA

TULARE COUNTY
204 WEST MAIN STREET, VISALIA

VENTURA COUNTY
101 SOUTH CHESTNUT STREET, VENTURA

WHEN RECORDED MAIL TO

NOV 25 9 59 AM 1955
3555 CASITAS AVE.
LOS ANGELES 39.
CALIFORNIA
HEHR
MANUFACTURING
COMPANY



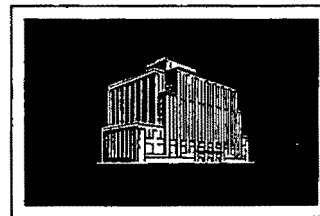
TITLE INSURANCE AND TRUST COMPANY

INCORPORATED 1893
HOME OFFICE
433 SOUTH SPRING STREET, LOS ANGELES 54

GRANT DEED

TO

DATED.....



TITLE INSURANCE AND TRUST COMPANY

INCORPORATED 1893
HOME OFFICE
433 SOUTH SPRING STREET, LOS ANGELES 54



TITLE INSURANCE AND TRUST COMPANY

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TULARE COUNTY
204 WEST MAIN STREET, VISALIA

VENTURA COUNTY
101 SOUTH CHESTNUT STREET, VENTURA

SPACE ABOVE THIS LINE FOR RECORDER'S USE



Grant Deed

Affix I. R. S. \$ 16.50

398 10-54

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FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged,

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Lots 15 and 16 in Block "L" of Tract No. 1723, in the city of
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Subject to: General and special taxes for the fiscal year 1955-1956,
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Covenants, conditions, restrictions, reservations, rights,
rights of way and easements of record.

Dated: October 10, 1955

STATE OF CALIFORNIA
COUNTY OF

Los Angeles

SS.

On October 26, 1955
before me, the undersigned, a Notary Public in
and for said County and State, personally appeared
Thomas H. Rhodes and

Winifred A. Rhodes

known to me to be the persons whose names are
subscribed to the within instrument and acknowledged that
they executed the same.

WITNESS my hand and official seal.

(Seal)

WHEN RECORDED MAIL TO

Hehr Manufacturing Co.
c/o Mr. Warren F. Jones
3353 Casitas Avenue
Los Angeles 39, Calif.

Title Order No. 4398301

Escrow or Loan No. 212-8918

Thomas H. Rhodes
X Thomas H. Rhodes
Winifred A. Rhodes
X Winifred A. Rhodes

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H. S. NORRIS
NOTARY PUBLIC in and for the County
of Los Angeles, State of California.
My Commission Expires April 2, 1956

DOCUMENT No. 800
RECORDED AT REQUEST OF
TITLE INSURANCE & TRUST CO.

NOV 8 1955 AT 8 A. M.

BOOK 49465 PAGE 167

OFFICIAL RECORDS

Los Angeles County, Calif.

Fee \$ / 60

RAY E. LEE, RECORDER

800

160-31



TITLE INSURANCE AND TRUST COMPANY

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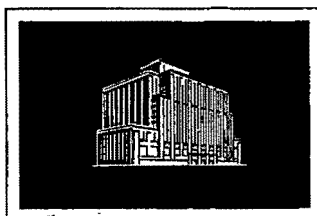
SANTA BARBARA COUNTY
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TULARE COUNTY
204 WEST MAIN STREET, VISALIA

VENTURA COUNTY
101 SOUTH CHESTNUT STREET, VENTURA

WHEN RECORDED MAIL TO

NOV 25 9 59 AM 1955
HEHR
MANUFACTURING
COMPANY
3555 CASITAS AVE.
LOS ANGELES 39,
CALIFORNIA



TITLE INSURANCE AND TRUST COMPANY

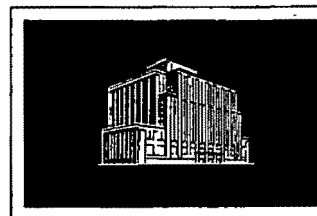
INCORPORATED 1893
HOME OFFICE

433 SOUTH SPRING STREET, LOS ANGELES 54

GRANT DEED

TO

DATED.....



TITLE INSURANCE AND TRUST COMPANY

INCORPORATED 1893
HOME OFFICE

433 SOUTH SPRING STREET, LOS ANGELES 54



TITLE INSURANCE AND TRUST COMPANY

FRESNO COUNTY
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204 WEST MAIN STREET, VISALIA

VENTURA COUNTY
101 SOUTH CHESTNUT STREET, VENTURA



PLACE INTERNAL REVENUE STAMPS HERE

BOOK 51100 PAGE 207

Grant Deed

FRED B. LEE, JR. and LETHA T. LEE, husband and wife,

in consideration of - TEN - DOLLARS

to them in hand paid, receipt of which is hereby acknowledged, do hereby grant to

HEHR MANUFACTURING COMPANY, a corporation,

the real property in the City of Los Angeles, County of Los Angeles

State of California, described as:

Lot 17 in Block "L" of Tract No. 1723, as per map recorded in Book
21, Pages 134 and 135 of Maps, in the office of the County Recorder
of said County.

SUBJECT TO:

General and Special taxes for the fiscal year 1956-1957, a lien not
yet payable.
Conditions, restrictions, reservations, easements, rights and rights
of way of record.

Dated: April 9, 1956

Fred B. Lee Jr.
Letha T. Lee

STATE OF CALIFORNIA
COUNTY OF
Los Angeles } ss.

On this 9th day of April, 1956,
before me, the undersigned,
a Notary Public in and for said County and State, personally
appeared

Fred B. Lee, Jr. and
Letha T. Lee

known to me to be the person(s) whose name(s) are
subscribed to the within instrument and acknowledged that
they executed the same.

WITNESS my hand and official seal.

(Seal) *Raymond Mac Nain*
Notary Public in and for said County and State
My Commission Expires November 11, 1957
If executed by a Corporation the Corporation Form of
Acknowledgment must be used.

SPACE BELOW FOR RECORDER'S USE ONLY

DOCUMENT No. 1138
RECORDED AT REQUEST OF
TITLE INSURANCE & TRUST CO.

MAY 7 1956 AT 8 A.M.

BOOK 51100 PAGE 207
OFFICIAL RECORDS
RAY E. LEE, RECORDER
LOS ANGELES COUNTY, CALIF.

FEE \$2.00 1T

Instrument No.

Escrow No. 27-4748

Order No. 420879

Recorded at request of:

When Recorded Mail to:

Hehr Manufacturing Co.

3353 Casitas Ave.

Los Angeles 39, California

CITIZENS NATIONAL
TRUST AND SAVINGS
BANK
OF LOS ANGELES

457 South Spring Street
Mailing Address
P. O. Box 2457, Terminal Annex
Los Angeles 54, California

Grant Deed

TO

Dated..... 19.....

CITIZENS NATIONAL
TRUST AND SAVINGS
BANK
OF LOS ANGELES

457 South Spring Street
Mailing Address
P. O. Box 2457, Terminal Annex
Los Angeles 54, California

THE TRUST DEPARTMENT OF THIS BANK SERVES AS:

EXECUTOR to conserve and distribute estates under Wills.

ADMINISTRATOR by appointment of Probate Court at request of heirs

- (a) when no Will is left
- (b) when no Executor is named
- (c) when named Executor is unable to serve.

TRUSTEE under Will to preserve and manage property and investments, and by personal appointment to manage property and invest funds, and to disburse proceeds of life insurance policies.

CO-EXECUTOR, CO-ADMINISTRATOR and CO-TRUSTEE.

GUARDIAN of the property of minors and incompetent persons.

AGENT for Executors and Trustees unfamiliar with or not equipped to handle the many details of estate management, and in any capacity connected with the care or management of money or property.

DEPOSITARY of moneys and securities under court order, for purpose of reducing bond of Executor, Administrator, or Guardian.

CUSTODIAN and manager of securities, or of property in any form.

REGISTRAR and TRANSFER AGENT, registering, issuing and certifying the capital stock of corporations.

These are but a few of our many services.

Wills of our customers may be left with us (sealed if desired) for safekeeping, free of charge, subject to withdrawal at any time during business hours.

TRUST DEPARTMENT
HEAD OFFICE

Citizens National Trust & Savings Bank
OF LOS ANGELES

Citizens National Trust & Savings Bank
OF LOS ANGELES

*HEAD OFFICE.....457 South Spring Street

BRANCHES

- | | |
|---|--|
| * ATWATER
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1009 North Avalon Blvd. |
| * PICO-FIGUEROA
1301 South Figueroa St. | * WILSHIRE-CURSON
5780 Wilshire Boulevard |

*Indicates Escrow Department Locations



Material Safety Data Sheet

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SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: 3M(TM) Scotch-Weld(TM) Instant Adhesive CA-40H

MANUFACTURER: 3M

DIVISION: Industrial Adhesives and Tapes Division

ADDRESS: 3M Center
St. Paul, MN 55144-1000

EMERGENCY PHONE: 1-800-364-3577 or (651) 737-6501 (24 hours)

Issue Date: 11/20/2006

Supersedes Date: 07/30/2004

Document Group: 10-2990-9

Product Use:

Intended Use: Structural Strength Instant Adhesive

Specific Use: Cyanoacrylate Adhesive

Formerly known as 3M(TM) Pronto(TM) Instant Adhesive CA-40H

SECTION 2: INGREDIENTS

<u>Ingredient</u>	<u>C.A.S. No.</u>	<u>% by Wt</u>
ethyl cyanoacrylate	7085-85-0	93 - 100
poly(methyl methacrylate)	9011-14-7	< 5
hydroquinone	123-31-9	< 0.2

SECTION 3: HAZARDS IDENTIFICATION

3.1 EMERGENCY OVERVIEW

Specific Physical Form: Liquid

Odor, Color, Grade: clear, colorless, sharp irritating odor

General Physical Form: Liquid

Immediate health, physical, and environmental hazards: Combustible liquid and vapor. Closed containers exposed to heat from fire may build pressure and explode. Vapors may travel long distances along the ground or floor to an ignition source and flash back. Hazardous polymerization may occur. May cause severe eye irritation. May cause allergic skin reaction. May bond tissue rapidly.

3.2 POTENTIAL HEALTH EFFECTS

Eye Contact:

Severe Eye Irritation: Signs/symptoms may include significant redness, swelling, pain, tearing, cloudy appearance of the cornea, and impaired vision.

Bonds eyelids rapidly.

Skin Contact:

Moderate Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, and dryness.

Bonds skin rapidly.

Prolonged or repeated exposure may cause:

Allergic Skin Reaction (non-photo induced): Signs/symptoms may include redness, swelling, blistering, and itching.

Inhalation:

Upper Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Ingestion:

Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, nausea, diarrhea and vomiting.

SECTION 4: FIRST AID MEASURES

4.1 FIRST AID PROCEDURES

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes. Get immediate medical attention. DO NOT force eyelids open.

Skin Contact: FOR SKIN BONDS: Quickly soak in warm water and avoid use of excessive force to free bonded area. If unable to free bonded area, or if lips or mouth are bonded, get medical attention. If irritation persists, get medical attention.

Inhalation: Remove person to fresh air. If signs/symptoms develop, get medical attention.

If Swallowed: Do not induce vomiting. Give victim two glasses of water. Never give anything by mouth to an unconscious person. Get immediate medical attention.

SECTION 5: FIRE FIGHTING MEASURES

5.1 FLAMMABLE PROPERTIES

Autoignition temperature
Flash Point
Flammable Limits - LEL
Flammable Limits - UEL

No Data Available
176 °F [Test Method: Tagliabue Closed Cup]
No Data Available
No Data Available

5.2 EXTINGUISHING MEDIA

Use fire extinguishers with class B extinguishing agents (e.g., dry chemical, carbon dioxide).

5.3 PROTECTION OF FIRE FIGHTERS

Special Fire Fighting Procedures: Water may not effectively extinguish fire; however, it should be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture. Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA).

Unusual Fire and Explosion Hazards: Combustible liquid and vapor. Closed containers exposed to heat from fire may build pressure and explode. Vapors may travel long distances along the ground or floor to an ignition source and flash back.

Note: See STABILITY AND REACTIVITY (SECTION 10) for hazardous combustion and thermal decomposition information.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Accidental Release Measures: Evacuate unprotected and untrained personnel from hazard area. The spill should be cleaned up by qualified personnel. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. Warning! A motor could be an ignition source and could cause flammable gases or vapors in the spill area to burn or explode. Contain spill. For larger spills, cover drains and build dikes to prevent entry into sewer systems or bodies of water. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Collect as much of the spilled material as possible. Collect as much of the spilled material as possible using non-sparking tools. Place in a closed container approved for transportation by appropriate authorities. DO NOT wipe spill or residue with cleanup materials containing cotton.

In the event of a release of this material, the user should determine if the release qualifies as reportable according to local, state, and federal regulations.

SECTION 7: HANDLING AND STORAGE

7.1 HANDLING

Keep out of the reach of children. Avoid contact with oxidizing agents. Avoid eye contact. Avoid eye contact with vapors, mists, or spray. Avoid breathing of vapors, mists or spray. Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water. Keep away from heat, sparks, open flame, pilot lights and other sources of ignition.

7.2 STORAGE

Store away from acids. Store away from heat. Store out of direct sunlight. Store away from flammable and combustible materials. Store away from oxidizing agents.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 ENGINEERING CONTROLS

Use with appropriate local exhaust ventilation. Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below Occupational Exposure Limits and/or control mist, vapor, or spray. If ventilation is not adequate, use respiratory protection equipment.

8.2 PERSONAL PROTECTIVE EQUIPMENT (PPE)

8.2.1 Eye/Face Protection

Avoid eye contact with vapors, mists, or spray.

The following eye protection(s) are recommended: Safety Glasses with side shields, Indirect Vented Goggles.

8.2.2 Skin Protection

Avoid skin contact.

Select and use gloves and/or protective clothing to prevent skin contact based on the results of an exposure assessment. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible materials.

Gloves made from the following material(s) are recommended: Butyl Rubber, Polyvinyl Alcohol (PVA), Polyethylene/Ethylene Vinyl Alcohol. The following protective clothing material(s) are recommended: Apron - Polyethylene ethylene vinyl alcohol. DO NOT wear cotton gloves.

8.2.3 Respiratory Protection

Avoid breathing of vapors, mists or spray.

Select one of the following NIOSH approved respirators based on airborne concentration of contaminants and in accordance with OSHA regulations: Half facepiece air-purifying respirator with organic vapor cartridges. Consult the current 3M Respiratory Selection Guide for additional information or call 1-800-243-4630 for 3M technical assistance.

8.2.4 Prevention of Swallowing

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water.

8.3 EXPOSURE GUIDELINES

<u>Ingredient</u>	<u>Authority</u>	<u>Type</u>	<u>Limit</u>	<u>Additional Information</u>
ethyl cyanoacrylate	ACGIH	TWA	0.2 ppm	
hydroquinone	ACGIH	TWA	2 mg/m3	Table A3
hydroquinone	CMRG	STEL	4 mg/m3	
hydroquinone	OSHA	TWA	2 mg/m3	Table Z-1

SOURCE OF EXPOSURE LIMIT DATA:

ACGIH: American Conference of Governmental Industrial Hygienists

CMRG: Chemical Manufacturer Recommended Guideline

OSHA: Occupational Safety and Health Administration

AIHA: American Industrial Hygiene Association Workplace Environmental Exposure Level (WEEL)

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Specific Physical Form:

Liquid

Odor, Color, Grade:

clear, colorless, sharp irritating odor

General Physical Form:

Liquid

Autoignition temperature

No Data Available

Flash Point

176 °F [Test Method: Tagliabue Closed Cup]

Flammable Limits - LEL

No Data Available

Flammable Limits - UEL

No Data Available

Boiling point	131 °F [@ 2 mmHg]
Density	1.05 g/ml [Ref Std: WATER=1]
Vapor Density	4.5 [Ref Std: AIR=1]
Vapor Pressure	0.05 mmHg [@ 20 °C]
Specific Gravity	1.05 [Ref Std: WATER=1]
pH	Not Applicable
Solubility in Water	Nil
Evaporation rate	Negligible
Hazardous Air Pollutants	0 g/l
Volatile Organic Compounds	0 % weight
Kow - Oct/Water partition coef	No Data Available
Percent volatile	0.00 % weight
VOC Less H2O & Exempt Solvents	0 g/l
Viscosity	400.0 - 600.0 centipoise

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable.

Materials and Conditions to Avoid: Strong bases; Amines

Hazardous Polymerization: Hazardous polymerization may occur. Additional Information: May occur in large quantities only.

Hazardous Decomposition or By-Products

<u>Substance</u>	<u>Condition</u>
Carbon monoxide	During Combustion
Carbon dioxide	During Combustion
Oxides of Nitrogen	During Combustion

SECTION 11: TOXICOLOGICAL INFORMATION

Please contact the address listed on the first page of the MSDS for Toxicological Information on this material and/or its components.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION

Not determined.

CHEMICAL FATE INFORMATION

Not determined.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method: Reclaim if feasible. Dispose of completely cured (or polymerized) wastes in a sanitary landfill. Incinerate in an industrial or commercial facility. As a disposal alternative, dispose of waste product in a facility permitted to accept chemical waste.

Since regulations vary, consult applicable regulations or authorities before disposal.

SECTION 14: TRANSPORT INFORMATION

ID Number(s):

62-3829-0330-0, 62-3829-0335-9, 62-3829-3830-6

Please contact the emergency numbers listed on the first page of the MSDS for Transportation Information for this material.

SECTION 15: REGULATORY INFORMATION

US FEDERAL REGULATIONS

Contact 3M for more information.

311/312 Hazard Categories:

Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No Immediate Hazard - Yes Delayed Hazard - No

STATE REGULATIONS

Contact 3M for more information.

CHEMICAL INVENTORIES

The components of this product are in compliance with the chemical notification requirements of TSCA.

All applicable chemical ingredients in this material are listed on the European Inventory of Existing Chemical Substances (EINECS), or are exempt polymers whose monomers are listed on EINECS.

Contact 3M for more information.

INTERNATIONAL REGULATIONS

Contact 3M for more information.

This MSDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.

SECTION 16: OTHER INFORMATION**NFPA Hazard Classification**

Health: 2 Flammability: 2 Reactivity: 1 Special Hazards: None

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

Revision Changes:

Section 1: Division name was modified.

Copyright was modified.

Section 3: Immediate physical hazard(s) was modified.

Section 3: Potential effects from eye contact was modified.

Section 3: Potential effects from skin contact information was modified.

Section 5: Unusual fire and explosion hazard information was modified.

Section 6: Release measures information was modified.

Section 7: Handling information was modified.

Section 7: Storage information was modified.

Section 8: Engineering controls information was modified.

Section 15: Inventories information was modified.

Section 9: Property description for optional properties was modified.

DISCLAIMER: The information in this Material Safety Data Sheet (MSDS) is believed to be correct as of the date issued. 3M MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. User is responsible for determining whether the 3M product is fit for a particular purpose and suitable for user's method of use or application. Given the variety of factors that can affect the use and application of a 3M product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for user's method of use or application.

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DOLPHIN 7035

Mid Visc WinSeal, Black

Page 1 of 4

PRODUCT NAME: Mid Visc WinSeal, Black

HMIS CODES: H F R

PRODUCT CODE: DOLPHIN 7035

2 3 0

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: DOLPHIN COMPANY

DATE REVISED : 03/15/06

ADDRESS : 922 LOCUST ST.

DATE PRINTED : 3/15/2006

TOLEDO, OH 43604

NAME OF PREPARER : Elizabeth Schwartz

EMERGENCY PHONE (CHEMTREC) : 800-424-9300

INFORMATION PHONE : 419-241-8267

SECTION II - HAZARDOUS INGREDIENTS

REPORTABLE COMPONENTS
AND EXPOSURE LIMITS

CAS NUMBER

VAPOR PRESSURE
MM HG @ TEMP

WEIGHT
PERCENT

* TOLUENE	108-88-3	26 68 F	30% TO 40%
OSHA: PEL 300 ppm			
ACGIH TLV TWA 50 ppm			
* ZINC	14807-96-6	N/A	10% TO 15%
OSHA: PEL 2 mg/m3			
ACGIH: TLV 2 mg/m3			
* CALCIUM CARBONATE	471-34-1	N/A N/A	5% TO 10%
N/A			
* METHYL ETHYL KETONE	78-93-3	9500 Pa20 C	3% TO 5%
OSHA: PEL 200 PPM & STEL 300 PPM			
ACGIH: TLV 200 PPM & STEL 300 PPM			
* AMORPHOUS SILICA	112945-52-5	N/A	1% TO 3%
LD50 (ORAL) 10000 mg/kg RAT			
LD50 (DERMAL) 5000 mg/kg RABBIT			
TWA OSHA 6 mg/m3			
TWA ACGIH 10 mg/m3			

Indicates toxic chemical(s) subject to the reporting requirements of section 13 of SARA and of 40 CFR 372.

Any pigments and fillers in this product which may be considered "HAZARDOUS" are potentially hazardous ONLY if inhaled as an air-borne dust. Exposure by these ingredients as used in Dolphin's sealants, putties, bedding compounds and other non-sprayable products is highly unlikely.

SECTION III - PHYSICAL CHARACTERISTICS

The values listed below are computer generated values. These values may be verified using standard laboratory methods.

BOILING POINT OR RANGE: 175 F - 231 F	SPECIFIC GRAVITY (H2O=1): 1.05
VAPOR DENSITY: Heavier than air	PERCENT SOLIDS WT: 58.44
EVAPORATION RATE: Slower than ether	PERCENT SOLIDS VOL: 49.247
SOLUBILITY IN WATER: Not soluble	V.O.C: 3.65 lb/gal
APPEARANCE AND ODOR: Liquid, mild solvent odor	

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

DOLPHIN 7035

Mid Visc WinSeal, Black

Page 2 of 4

FLASH POINT: 40 - 50F.

METHOD USED: TCC

EXPLOSIVE LIMITS IN AIR BY VOLUME(%) - LOWER: 1.4 UPPER: 11.5

EXTINGUISHING MEDIA

Carbon dioxide (CO2), dry chemical, regular foam, alcohol foam, water fog or water spray.

SPECIAL FIREFIGHTING PROCEDURES

Self-contained breathing apparatus and protective clothing should be worn. Use water spray to cool nearby containers and structures exposed to fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Decomposition and combustion products may be toxic.

SECTION V - HEALTH HAZARD DATA

PRIMARY ROUTE OF ENTRY

Inhalation, Dermal

EFFECTS OF ACUTE EXPOSURE

May cause irritation of eyes, skin and breathing passages. May be harmful if inhaled or swallowed. Overexposure may cause dizziness, headache, nausea or loss of co-ordination.

EFFECTS OF CHRONIC EXPOSURE

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the vapors from this product is harmful, may cause unconsciousness, liver and/or kidney damage, and at extremely high concentrations may be fatal.

CARCINOGENICITY

Product does not contain any ingredients which are known to be carcinogenic.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

Pre-existing eye, skin, respiratory, liver and kidney disorders may be aggravated by exposure to this product.

EMERGENCY AND FIRST AID PROCEDURES

INHALATION: Remove to fresh air. If symptoms of exposure develop get medical attention.

DERMAL: Wash exposed areas of skin with soap and water. Get medical attention if necessary.

EYE: Flush with water for 15 minutes. Get medical attention.

INGESTION: Do not give any liquids. DO NOT INDUCE VOMITING. Get medical attention.

SECTION VI REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID

Excessive heat, sparks, open flames and ignition sources.

INCOMPATIBILITY (MATERIALS TO AVOID)

Strong oxidizing agents

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

Carbon dioxide, carbon monoxide and possibly small amounts of other asphyxiants.

HAZARDOUS POLYMERIZATION: Will not occur

SECTION VII - SPILL AND LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

For small spills, avoid breathing of vapors. Absorb spill with sand or another non-combustible material and/or shovel up. DO NOT USE a metal shovel which may create a spark or a shovel made of plastic or another non-conductive material. Plastic and other non-conductive materials may accumulate a static charge. For large spills also extinguish all ignition sources, dike spill to prevent spreading and wear protective equipment including a NIOSHA/MSHA approved respirator for organic vapors, safety glasses or goggles, rubber gloves and rubber boots. Place residue into D.O.T approved waste containers.

WASTE DISPOSAL METHOD

Dispose in accordance with local, state, and federal regulations including compliance with all regulations regarding spill reporting. Keep waste out of sewers, storm drains and surface waters.

SECTION VIII - SPECIAL PROTECTION INFORMATION

VENTILATION

Good general ventilation (Typically ten air changes per hour). When applicable provide sufficient ventilation to control vapors and to keep air contaminants below exposure limits.

RESPIRATORY PROTECTION

Atmospheric levels should be maintained below exposure limits. An appropriate NIOSHA/MSHA approved respirator for organic vapors should be worn if exposure limits are exceeded, if product is used in a confined or poorly ventilated area or if heated during application.

EYE PROTECTION

Safety glasses with side shields or safety goggles. Contact lenses should not be worn when working with chemicals because they may contribute to the severity of an eye injury.

SKIN PROTECTION

Impervious gloves.

WORK/HYGIENIC PRACTICES

Good industrial hygiene practices should be followed. This includes preventing eye contact and minimizing skin contact. Eye wash station and safety shower should be available.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store in cool area out of direct sunlight. Do not store or use near heat, sparks or open flame. If product is supplied in pails or drums, keep closure tight during storage and when not in use. Pails and drums of this product should be grounded if poured or if transferred by pumping. Do not handle or use product until safety precautions have been read and understood.

OTHER PRECAUTIONS

Use this product with adequate ventilation. Avoid prolonged or repeated breathing of vapors. Empty containers can retain product residue so follow label warnings even after container is empty. Drums, pails and cans must not be washed out or used for other purposes. Drums should be completely emptied, properly bunged and promptly shipped to a drum reconditioner. All other containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations. Do not cut, weld, braze, solder, grind, or expose empty pails and drums to heat, sparks or other sources of ignition. Containers may explode resulting in injury or death.

SECTION X - ADDITIONAL INFORMATION

OSHA CLASSIFICATION:

29 CFR 1910.106(a) Parts 18 - 19, Flammable liquid - Class IB


DOT CLASSIFICATION:

Adhesive containing flammable liquids, UN 1133

OTHER INFORMATION:

The information in section IV through IX is derived from the Material Safety Data sheets provided by our suppliers and to the best of our knowledge is correct. The user of a Dolphin product is responsible for establishing if the product is suitable for their particular application and assumes all risks for the use, handling and disposal of the product. The Dolphin Company, however, does warrant that our products meet our written specifications. There are no other warranties, expressed or implied including any warranty of "fitness for use". The exclusive remedy for all proven claims is replacement of our product and in no event shall The Dolphin Company be liable for incidental or consequential damages.

The information provided by the Dolphin Company in particular the information pertaining to the ingredients in our products is **CONFIDENTIAL** and **PROPRIETARY**! The recipient of this information is expected to protect its confidentiality and to take all steps necessary to prevent disclosure to a third party except as required by local, state and federal regulations.



MATERIAL SAFETY DATA SHEET

Premium AW Hydraulic Oil 32

Date Prepared: 07/01/2006

Page 1 of 6

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name

Premium AW Hydraulic Oil 32

Product Number(s)

GW1100032-00, GW1100032-01, GW1100032-05,
GW1100032-55, GW1100032-275

Chemical Name

Mixture

Use

Varies

Company Identification

GoldenWest Lubricants, Inc.
1937 Mount Vernon Avenue
Pomona, CA 91768-3312

Telephone Numbers

Emergency: Chemtrec (24 hr)	(800) 424-9300
Technical Information:	(909) 865-1937
Product Information:	(909) 865-1937

2. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS:

<u>Components</u>	<u>CAS No.</u>	<u>% by Wt.</u>	<u>OSHA PEL</u>	<u>TWA (ACGIH)</u>
Distillates, Hydrotreated Heavy Paraffinic	64742-54-7	>10	5mg/m ³ as a mist	5mg/m ³ as a mist

NOTE:

All the components of this material are listed on the Toxic Substances Control Act Chemical Substances inventory.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

- ◆ Prolonged exposure can cause skin irritation
- ◆ Keep out of sewers and waterways
- ◆ May cause eye irritation

Potential Health Effects

Eye: May cause stinging irritation, tearing, or redness.

Skin Contact: Repeated or prolonged contact may cause dryness or irritation.

Ingestion: May cause mouth and throat irritation when swallowed; ingestion of large quantities may cause discomfort.

Inhalation: If used in applications where mist is generated, may cause irritation to nose and throat.

Signs and Symptoms of Exposure: Irritation to skin, watering or redness in eyes, discomfort, throat irritation if swallowed.

4. FIRST AID MEASURES

Eye: Flush with water. If irritation occurs call for medical assistance.

Skin: Remove contaminated clothing. Wash with soap and water. Call for medical attention if symptoms prevail.

Ingestion: DO NOT induce vomiting. Get medical assistance.

Inhalation: Remove person to fresh air. Call for medical attention if needed.

5. FIRE FIGHTING MEASURES

Flash Point: >300°F **Method:** ASTM D-92

Flammable Limits (% by volume in air): **Lower:** ND **Upper:** ND
:

Extinguishing Media: Dry chemical, carbon dioxide, water fog, foam

NFPA Ratings: Health – 1 Flammability – 1 Reactivity – 0

(0 - Insignificant, 1 - Slight, 2 - Moderate, 3 - High, 4 - Extreme)

Fire Fighting Instructions: Wear protective clothing and self-contained breathing apparatus. Extinguish with foam, dry chemical, carbon dioxide.

Combustion or Decomposition Products: May cause dense smoke, oxides of carbon, nitrogen, sulphur, phosphorus and zinc.

6. ACCIDENTAL RELEASE MEASURES

Chemtrec Emergency Number (24 hrs): (800) 424-9300
U.S. Coast Guard National Response Center: (800) 424-8802

Spill Procedures: Personal Protective Equipment must be worn; see Section 8 for recommendations. Ventilate area if spilled in confined space or other poorly ventilated areas. Prevent entry into sewers and waterways. Pick up free liquid for recycle and/or disposal. Residual liquid can be absorbed on inert material. Check under Transportation and Labeling (DOT/CERCLA) and Other Regulatory Information Section (SARA) for hazardous substances to determine regulatory reporting requirements for spills.

7. HANDLING AND STORAGE

Handling and Storage: Avoid eye and prolonged skin contact as with all industrial materials. Wash thoroughly after handling. Follow all MSDS/label precautions after container is emptied because they may retain product residues. Store in a cool, dry place. Keep containers closed when not in use.

Read and follow all precautions on product label

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Face Protection: Use chemical goggles or face shield.

Skin Protection: Contact may be minimized by wearing protective clothing and oil resistant gloves.

Respiratory Protection: Use NIOSH/MSHA approved full face respirator with an organic vapor cartridge if the recommended exposure limit is exceeded. Use self-contained breathing apparatus for entry into confined space, for other poorly ventilated areas and large spill clean-up sites.

Engineering Controls: Good general ventilation should be sufficient to control airborne levels below exposure limits. A local exhaust is recommended in enclosed areas.

Clothing Recommendation: Long sleeve shirt is recommended. Wear a chemically protective apron when contact with material may occur. Do not wear rings, watches or similar apparel that could entrap and cause a skin reaction.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Straw Liquid
Odor:	Mild Hydrocarbon
Specific Gravity (water = 1):	0.86
Viscosity cSt @ 40°C:	30.4-33.6
Flash Point:	>300°F
PH (as is):	ND
PH (dilute) @ 5 %:	ND
Solubility in Water (%):	0
Vapor Pressure (mm Hg):	ND
Vapor Density (air = 1):	ND
Volatile Organic Compound:	ND

10. STABILITY AND REACTIVITY

Hazardous Decomposition Products:	May cause dense smoke, oxides of carbon, nitrogen, sulphur, phosphorus and zinc.
Chemical Stability:	Material is normally stable at room temperature and pressure. See the Handling and Storage section for further details.
Conditions to Avoid:	Excessive heat or flames
Incompatibility with other Materials:	Oxidizing or acidic materials
Hazardous Polymerization:	Will not occur

11. TOXICOLOGICAL INFORMATION

No information available at present time.

12. ECOLOGICAL INFORMATION

NA – Not Applicable

ND – Not Determined

No data are available on the adverse effects of this material on the environment. As a precaution, product should be kept out of sewage and drainage systems and bodies of water.

13. DISPOSAL CONSIDERATIONS

Any disposal practice must be in compliance with local, state and federal laws and regulations. Empty containers must be handled with care due to product residue. GoldenWest Lubricants Inc. will provide lists of companies which recycle or handle waste material to customers upon request. For information call (909) 865-1937.

14. TRANSPORT INFORMATION

DOT Shipping Name: Not regulated
DOT Hazard Class: Not regulated
DOT Packaging Group: NA
DOT/UN Identification: NA
Additional Information:

15. REGULATORY INFORMATION

TSCA Status: All components are listed in TSCA inventory.

CERCLA Reportable Quantity: This product does not contain any RQ substances.

SARA Title III: Title III of the Superfund Amendments and Reauthorization Act of 1986:

Section 302 Extremely Hazardous Substances: Not an extremely hazardous substance

Section 311/312 Hazardous Categories:

Immediate (Acute) Health Effects: No

Delayed (Chronic) Health effects: No

Fire Hazard: No

Sudden Release of Pressure Hazard: No

Reactivity Hazard: No

Carcinogenicity Status: Constituents not listed by: IARC, NTP, OSHA

SARA 313 Toxic Chemical Release Reporting:

Chemical Name

CAS Number

% in Product

This product does not contain greater than 1.0% (greater than 0.1% for carcinogenic substance) listed under SARA Section 313.

California Proposition 65 Status:

Not Applicable

16. OTHER INFORMATION

Label Hazard Ratings:**NFPA**

Fire - 1

Health - 1

Reactivity - 0

Specific Hazard - none

HMIS

Health - 1

Fire - 1

Reactivity - 0

Personal Protection Index - C

MSDS Revision Statement:

All sections revised.

Supersedes: 08/01/1998

This information is, to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.

NA - Not Applicable

ND - Not Determined

**AS SEEN
ON T.V.**

AWESOME
PRODUCTS, INC.

Awesome Products Inc.
6370 Altura Blvd.
Buena Park, CA 90620
1(800)482-2875

MATERIAL SAFETY DATA SHEET

SECTION 1 — CHEMICAL PRODUCT & COMPANY IDENTIFICATION

16 Oz Awesome All Purpose Cleaner and Degreasers & Spot Remover 128 Oz Awesome All Purpose Cleaner & DSR
20 Oz Awesome All Purpose Cleaner and Degreasers & Spot Remover
24 Oz Awesome All Purpose Cleaner and Degreasers & Spot Remover
25 Oz Awesome All Purpose Cleaner and Degreasers & Spot Remover
32 Oz Awesome All Purpose Cleaner and Degreasers & Spot Remover
64 Oz Awesome All Purpose Cleaner and Degreaser & Spot Remover

Company:

Awesome Products Inc
6370 Altura Blvd.
Buena Park, CA 90620

Date MSDS Prepared
10/22/11

SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredients</u>	<u>Percent Range</u>	<u>CAS Number</u>
Orange Oil Blend	≤ 0.01-2.5	8008-57-9 & 111-76-2
Ethoxylated Alcohol	≤ 0.5-4.0	9036-19-5
Disodium Salt	≤ 0.5-1.5	6834-92-0
Tetra Sodium EDTA	≤ 0.5-1.5	64-02-8
Hydroxy Sodium	≤ 0.5-0.8	1310-73-2

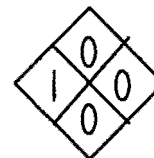
SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

Hazard Rating:

4-Very High
3-High
2-Moderate
1-Slight
0-Insignificant

Hazard:

1-Health
0-Flammability
0- Reactivity
0-Special



Potential Health Effects

Eye Contact: Mildly irritating.

Skin Contact: No adverse effects expected under typical use conditions. Prolonged exposure may cause dryness. Chemically sensitive individuals may experience mild irritation.

Ingestion: May cause stomach or intestinal irritation if swallowed.

Inhalation: No adverse effects expected under typical use conditions. Adequate ventilation should be present for prolonged usage in small enclosed areas.

SECTION 4 — FIRST AID MEASURES

Skin Contact

If adverse effect occurs, rinse skin with water.

Eye Contact

Flush with plenty of water. After 5 minutes of flushing, remove contact lenses, if present. Continue flushing for at least 10 more minutes. If irritation persists seek medical attention.

Inhalation

If adverse effect occurs, move to fresh air.

Ingestion

Drink plenty of water to dilute.

SECTION 5 — FIRE FIGHTING MEASURES

This formula is stable, non-flammable, and will not burn. No special procedures necessary.

Flammability: Non-flammable

Flash Point: Non-flammable

Suitable Extinguishing Media: Use dry chemical, CO₂, water spray.

Extinguishing Media to Avoid: High volume jet water.

Special Exposure Hazards: In event of fire created carbon oxides, oxides of phosphorus may be formed.

Special Protective Equipment: Wear positive self-contained breathing apparatus; wear full protective clothing.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Personal Precautions: See section 8- personal protection.

Environmental Precautions: Do not allow into open waterways and ground water system.

Method for Clean Up: Dilute with water and rinse into sanitary sewer system or soak up with inert absorbent material

SECTION 7 — HANDLING AND STORAGE

Handling: Keep container tightly closed. Ensure adequate ventilation. Keep out of reach of children.

Storage: Keep in cool dry area.

SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limit Value:	OSHA PEL	ACGIH TLV
Orange Oil Blend	TWA 50 ppm (240 mg/m ₃)	20 ppm (97 mg/m ₃)
Trisodium Phosphate		5 mg/m ₃

Exposure Controls:

Eye Contact: Use protective glasses if splashing or spray-back is likely.

Respiratory: Use in well ventilated areas.

Skin Contact: Prolonged exposure or dermal sensitive individuals should use protective gloves.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Various	Odor: Orange	VOC composite Partial Pressure: TBD VOC <2
Specific Gravity: 1.010±0.010	Density: 8.5 lb./gal;	Vapor Pressure (mmHg): 18 mmHg @20°C;25.5mmHg @27°C
Water Solubility: 100%	Boiling Point (° C) ~210 F° (98 °C)	Freezing Point (° C) ~32 F (0 °C)
pH 10.5±0.5		

SECTION 10 — STABILITY AND REACTIVITY

Stability:

Stable

Materials to Avoid:

None known

Hazardous Decomposition Products: Normal products of combustion –CO, CO₂; Oxides of Phosphorous may occur.

SECTION 11 — TOXICOLOGICAL INFORMATION

Acute Toxicity: Oral LD₅₀ (rat) >5g/kg body weight

Dermal LD₅₀ (rabbit) >5g/kg body weight

Toxicity calculated from ingredients using OECD SERIES ON TESTING AND ASSESMENT Number 33

Carcinogens: No ingredients are listed by OSHA, IARC, or NTP as known or suspected carcinogens.

SECTION 12 — ECOLOGICAL INFORMATION

Hazard to wild mammals: Low, based on toxicology profile

Hazard to avian species: Low, based on toxicology profile

Hazard to aquatic organisms: Low, based on toxicology profile

SECTION 13 — DISPOSAL CONSIDERATIONS

Appropriate Method for Disposal:

Unused Product: *Dilute with water to use concentration and dispose by sanitary sewer.

Used Product: *This product can enter into clarifiers and oil/water separators. Used product may be hazardous on the cleaning application and resulting contaminants.

Empty Containers: *Triple-rinse with water and offer for recycling if available in your area.
Otherwise, dispose as non-hazardous waste.

*Dispose of used or unused product, and empty containers in accordance with the local, State, Provincial, and Federal regulations for your location. Never dispose of used degreasing into lakes, streams, and open bodies of water or storm drains.

SECTION 14 — TRANSPORT INFORMATION

U.S. Department of Transportation (DOT) / Canadian TDG: Not Regulated

IMO/DMG: Not classified as Dangerous

ICAO/IATA: Not classified as Dangerous

ADR/RID: Not classified as Dangerous

U.N. Number: Not Required

Proper Shipping Name: Detergent Solution

Hazard Class: Non-Hazardous

Marine Pollutant: No

SECTION 15 — REGULATORY INFORMATION

All components are listed on: EINECS, TSCA, DSL and AICS Inventory.

No components listed under: Clean Air Act Section 112; Clean Water Act 307 & 311

SARA Title III Orange Oil Blend is subject to the reporting requirements of Section 313 of Title III of the Superfund

Amendments and Reauthorization Act of 1986 as Category N230- Certain Glycol Ethers.

RCRA Status: Not a hazardous waste **CERCLA Status:** No components listed

State Right to Know Lists:

Orange Oil Blend Illinois, Massachusetts, New Jersey, Pennsylvania, Rhode Island

WHMIS Classification- Category D, subcategory 2B, eye irritant

Toxic Substances List- Schedule 1- CEPA

Name	(Canadian Environmental Protection Act)	NPRI Inventory
Orange Oil Blend	Yes	No

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by Canada's Controlled Products Regulation.

MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form-174

IDENTITY AND MANUFACTURER'S INFORMATION

NFPA Rating: Health-1; Flammability-1; Reactivity-0; Special- Manufactured For: Lagasse, Inc. Address: One Parkway North Deerfield, IL 60015		HMIS Rating: Health-1; Flammability-1; Reactivity-0; Personal Protection-B DOT Hazard Classification: ORM-D Identity (trade name as used on label): BOARDWALK HEAVY DUTY GLASS CLEANER	
Phone: 800-989-7847		MSDS Number: A06410 Revision: 5	
DOT Emergency Response Number: Chemtel: 800-255-3924 NOTICE: JUDGEMENT BASED ON INDIRECT TEST DATA		Date Prepared: 01/03/10 Prepared By: CH/IB Information Calls: 800-989-7847	

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	CAS Number	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
ETHANOL	64-17-5	No	1000	1000	d
2-BUTOXYETHANOL *	111-76-2	Yes	25 (skin)	20 (skin)	d
ISOBUTANE / PROPANE BLEND	75-28-5	No	800	800	d
	74-98-6	No	1000	1000	d
*GLYCOL ETHER					

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: N/A	Specific Gravity (H2O=1): Concentrate Only = 0.984
Vapor Pressure: PSIG @ 70°F (Aerosols): Max.60	Vapor Pressure (Non-Aerosols)(mm Hg and Temperature): N/A
Vapor Density (Air = 1): N/E	Evaporation Rate (= 1): N/E
Solubility in Water: Slight	Water Reactive: No
Appearance and Odor: Clear,slightly foamy spray with chemical fragrance	

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols) CPSC: NOT CATEGORIZED AS FLAMMABLE	Auto Ignition Temperature N/E	Flammability Limits in Air by % in Volume: % LEL: N/E % UEL: N/E
FLASH POINT AND METHOD USED (non-aerosols): N/A	EXTINGUISHER MEDIA: Foam, dry chemical, carbon dioxide.	
SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus.		
Unusual Fire & Explosion Hazards: Do not expose aerosols to temperatures above 130°F or the container may rupture.		

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY [X] STABLE [] UNSTABLE	HAZARDOUS POLYMERIZATION [] WILL [X] WILL NOT OCCUR
Incompatibility (Mat. to avoid): Strong oxidizers and alkalies.	Conditions to Avoid: Open flame, welding arcs, heat, sparks.
Hazardous Decomposition Products: CO2, CO	

SECTION 5 - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: [X] INHALATION [] INGESTION [X] SKIN ABSORPTION [] EYE [] NOT HAZARDOUS

ACUTE EFFECTS:

Inhalation: Excessive inhalation of vapors can be harmful and may cause headaches, dizziness, asphyxia, anesthetic effects and possible unconsciousness.

Eye Contact: Mild irritant.

Skin Contact: Mild Irritant.

Ingestion: Possible chemical pneumonitis if aspirated into lungs. Nausea.

CHRONIC EFFECTS: (Effects due to excessive exposure to the raw materials of this mixture) May cause cardiac abnormality, liver abnormalities, kidney and/or lung damage.

Medical Conditions Generally Aggravated by Exposure: May aggravate existing eye, skin, upper respiratory conditions, liver disease & heart irregularities.

EMERGENCY FIRST AID PROCEDURES

Eye Contact: Flush with water for 15 minutes. If Irritated, seek medical attention.

Skin Contact: Wash with soap and water. If Irritated, seek medical attention.

Inhalation: Remove to fresh air. Resuscitate if necessary. Get medical attention.

Ingestion: DO NOT INDUCE VOMITING. Drink two large glasses of water. Get immediate medical attention.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (specify type): If vapor concentration exceeds TLV, use respirator approved By NIOSH or U.S. Bureau of Mines for organic vapor.

Protective Gloves: Latex, nitrile or PVC if skin is easily irritated.

Eye Protection: Safety glasses recommended.

Ventilation Requirements: Adequate ventilation to keep vapor concentration below TLV.

Other Protective Clothing & Equipment: None

Hygienic Work Practices: Wash with soap and water before handling food. Remove contaminated clothing.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken If Material is Spilled Or Released: Absorb with suitable medium. Incinerate or landfill according to local, state or Federal regulations. DO NOT FLUSH TO SEWER.

Waste Disposal Methods: Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard.

Precautions To Be Taken In Handling & Storage: Do not puncture or incinerate containers. Do not store at temperatures above 130°F.

Other Precautions &/or Special Hazards: KEEP OUT OF REACH OF CHILDREN. Avoid food contamination. Avoid breathing vapors.

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

** Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only

MATERIAL SAFETY DATA SHEET

Company Name: C.R. Laurence Co., Inc.
Address: 2503 E. Vernon Ave
City / State / Zip: Los Angeles / CA / 90058
US-CHEMTREC Phone(I): (800)424-9300
US-CHEMTREC Phone(II): (703)527-3887
CAN-CANUTEC Phone: (613)996-6666
Vendor Update: 4/14/2011
Date Prepared: 6/16/2011
MSDS Number: SP101 ;

I. CHEMICAL PRODUCT IDENTIFICATION

Product Name: "SPARKLE" STAIN REMOVER
HMIS Ratings:
NFPA Ratings:

II. COMPOSITION, INFORMATION ON INGREDIENTS

Chemical Ingredients	C.A.S. Number	% By Weight	ACGIH TLV TWA/STEL	OSHA PEL TWA/STEL	Other TWA/STEL	LD50	LC50
SILICON DIOXIDE	14808-60-7	65					
Notes							
WATER		33.5					
Notes							
DETERGENT GRADE THICKENER							
Notes							
SURFACTANT							
Notes							

III. HAZARDS IDENTIFICATION PRIMARY ROUTE OF ENTRY

Inhalation: PRIMARY ROUTE OF ENTRY: YES

Other: THIS PRODUCT IS NOT LISTED AS A CARCINOGEN

IV. FIRST AID MEASURES

Eyes: FLUSH WITH WATER FOR 15 MINUTES

Skin: N/A

Ingestion: DRINK SEVERAL GLASSES OF WATER

Inhalation: N/A

Other: SEEK MEDICAL ASSISTANCE FOR FURTHER TREATMENT, OBSERVATION AND SUPPORT IF NECESSARY

V. FIRE FIGHTING MEASURES

Fire Fighting Procedures: NEITHER COMBUSTIBLE OR EXPLOSIVE

VI. ACCIDENTAL RELEASE MEASURES

Containment/Cleanup: WASH DOWN DRAIN

VII. HANDLING AND STORAGE**Other:** NONE**VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION****Eyes:** N/A**Skin:** N/A**Respiratory:** N/A**Engineering:** LOCAL EXHAUST**IX. PHYSICAL AND CHEMICAL PROPERTIES****Appearance:** LOTION**Boiling Point:** 212 °F**Solubility in Water:** PARTIAL**Specific Gravity:** 1.44 (H₂O = 1)**Vapor Pressure:** n/a**Vapor Density:** n/a**X. STABILITY AND REACTIVITY****Stability:** STABLE**Hazardous Polymerization:** WILL NOT OCCUR**Hazardous Decomposition:** NONE**Products:****Incompatible Products:** HYDROFLUORIC ACID**Conditions To Avoid:** N/A**XI. TOXICOLOGICAL INFORMATION****XII. ECOLOGICAL INFORMATION****XIII. DISPOSAL CONSIDERATIONS****Disposal Method:** DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL LAWS.**XIV. TRANSPORT INFORMATION****XV. REGULATORY INFORMATION****XVI. OTHER INFORMATION****WARRANTY INFORMATION**

THIS INFORMATION IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE.

MATERIAL SAFETY DATA SHEET

REVISION DATE: 03-04-2009

SUPERSEDES: 07-31-2008

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

COMPANY INFORMATION

H.B. Fuller Company
1200 Willow Lake Boulevard
Vadnais Heights, MN 55110
Phone: 888-423-8553

Medical Emergency Phone Number (24 Hours): 1-888-853-1758

Transport Emergency Phone Number (CHEMTREC): 1-800-424-9300

PRODUCT INFORMATION

PRODUCT NUMBER: HL5153A 149
PRODUCT DESCRIPTION: Sealant "Insul-Cure"
PRODUCT IDENTIFIER: 807508PM

SECTION 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL STATE: Solid
COLOR: Black
ODOR: Neutral

May cause allergic skin reaction. May cause an allergic respiratory reaction.

POTENTIAL HEALTH EFFECTS BY ROUTE OF ENTRY

EYE: Can cause minor irritation, tearing and reddening.

SKIN: Can cause minor skin irritation, defatting, and dermatitis. May cause sensitization.

INHALATION: Can cause minor respiratory irritation. Inhalation of dusts produced during cutting, grinding or sanding of this product may cause irritation of the respiratory tract.

Other possible symptoms include; wheezing and coughing due to pulmonary edema (fluid build-up in lungs).

May cause allergic respiratory reaction.

At room temperature, MDI vapors are minimal due to low vapor pressure. If product is heated or if an aerosol/mist is generated, airborne concentrations may be reached that cause irritation or other adverse effects.

This product contains one or more materials that may be hazardous when present as an airborne dust. During normal handling of the product, the material is encapsulated within the product and will not present an exposure risk. Once the product has reached its final state and is abraded or disturbed, dusting and exposure may occur.

INGESTION: Ingestion is not an anticipated route of exposure. No hazard in normal industrial use.

LONG-TERM (CHRONIC) HEALTH EFFECTS

CHRONIC: May cause tumors based on tests with laboratory animals.

TARGET ORGAN(S): Lungs Skin

REGULATED CARCINOGEN STATUS:

Unless noted below, this product does not contain regulated levels of NTP, IARC, ACGIH, or OSHA listed carcinogens.

Carbon black

Vinyl acetate

EXISTING HEALTH CONDITIONS AFFECTED BY EXPOSURE: Lung disease; Skin disease including eczema and sensitization; Persons with existing asthmatic conditions may experience difficulty breathing. Persons who have been sensitized to isocyanates may experience symptoms at very low exposure levels.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

MATERIAL SAFETY DATA SHEET

Chemical Name	CAS #	PERCENT
Talc	14807-96-6	10 - 30
Carbon black	1333-86-4	1 - 5
Methylene bisphenyl diisocyanate (MDI)	101-68-8	1 - 5
Vinyl acetate	108-05-4	0.1 - 1
Diphenylmethane-2,4-diisocyanate	5873-54-1	0.1 - 1

Unlisted ingredients are not 'hazardous' per the Occupational Safety and Health Administration Hazard Communication Standard (29 CFR 1910.1200) and/or are not found on the Canadian Workplace Hazardous Materials Information System ingredient disclosure list. See Section 8 for exposure limit guidelines.

SECTION 4: FIRST AID MEASURES

IF IN EYES: Use an eye wash to remove a chemical from your eye regardless of the level of hazard. Flush the affected eye for at least twenty minutes. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Seek medical advice after flushing.

IF ON SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.

IF VAPORS INHALED: Remove to fresh air. Call a physician if symptoms persist.

IF SWALLOWED: Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this MSDS.

SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT:	> 204 C (400 F) Cleveland Closed Cup
AUTOIGNITION TEMPERATURE:	Not established
LOWER EXPLOSIVE LIMIT (% in air):	Not established
UPPER EXPLOSIVE LIMIT (% in air):	Not established
EXTINGUISHING MEDIA:	Use water spray, foam, dry chemical or carbon dioxide.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Material will burn in a fire.
SPECIAL FIRE FIGHTING INSTRUCTIONS:	Persons exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment.
HAZARDOUS COMBUSTION PRODUCTS:	Carbon dioxide, Carbon monoxide Nitrogen containing gases Hydrogen cyanide

SECTION 6: ACCIDENTAL RELEASE MEASURES

SPECIAL PROTECTION: Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section 8 of this MSDS. Additional precautions may be necessary based on special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred.

CLEAN-UP: Allow molten material to solidify before disposal.

Transport Emergency Phone Number (CHEMTREC): 1-800-424-9300

SECTION 7: HANDLING AND STORAGE

Handling: Harmful or irritating material. Avoid contacting and avoid breathing the material. Use only in a well ventilated area. Local exhaust ventilation and air-supplied respiratory protection should be used when changing product containers at application temperature. Isocyanate levels should be monitored in application areas during use. This product contains an ingredient that may react with water or humidity to release methanol (67-56-1). The TWA for methanol is 200 ppm.

Storage: Store in a cool, dry place.

MATERIAL SAFETY DATA SHEET

Consult the Technical Data Sheet for specific storage instructions.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE PROTECTION: Wear safety glasses when handling this product.

SKIN PROTECTION: Avoid skin contact by wearing chemically resistant gloves.

GLOVES: Nitrile

RESPIRATORY PROTECTION: Respiratory protection may be required to avoid overexposure when handling this product. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms. Use supplied-air respiratory equipment as required.
Respirators should be selected by and used following requirements found in OSHA's respirator standard (29 CFR 1910.134).

VENTILATION: Use local exhaust ventilation or other engineering controls to minimize exposures.

EXPOSURE LIMITS:

Chemical Name	ACGIH EXPOSURE LIMITS	OSHA PEL
Talc	2 mg/m ³ TWA (respirable fraction, particulate matter containing no asbestos and <1% crystalline silica)	Not established
Carbon black	3.5 mg/m ³ TWA	3.5 mg/m ³ TWA
Methylene bisphenyl diisocyanate (MDI)	0.005 ppm TWA	0.02 ppm Ceiling; 0.2 mg/m ³ Ceiling
Vinyl acetate	10 ppm TWA 15 ppm STEL	Not established
Diphenylmethane-2,4-diisocyanate	0.005 ppm TWA	0.02 ppm Ceiling; 0.2 mg/m ³ Ceiling

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Solid
COLOR:	Black
ODOR:	Neutral
ODOR THRESHOLD:	Not established
SPECIFIC GRAVITY:	1.11
SOLIDS (% by weight):	Not applicable
pH:	Not established
FLASH POINT:	> 204 C (400 F) Cleveland Closed Cup
BOILING POINT (deg. C):	Not established
FREEZING/MELTING POINT (deg. C):	Not established
VAPOR PRESSURE (mm Hg):	Not established
VAPOR DENSITY:	Not established
EVAPORATION RATE:	Not established

MATERIAL SAFETY DATA SHEETOCTANOL/WATER COEFFICIENT:
VOC, weight percentNot established
Not determined**SECTION 10: STABILITY AND REACTIVITY**

STABILITY: Stable under normal conditions.
CHEMICAL INCOMPATIBILITY: Water Alcohols Amines Strong acids Strong alkalis
HAZARDOUS POLYMERIZATION: Will not occur.
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide Nitrogen
containing gases Hydrogen cyanide

SECTION 11: TOXICOLOGICAL INFORMATION

COMPONENT	LD50/LC50
Talc	Not established
Carbon black	Oral LD50 Rat > 15400 mg/kg Dermal LD50 Rabbit > 3 g/kg
Methylene bisphenyl diisocyanate (MDI)	Oral LD50 Rat 9200 mg/kg Inhalation LC50 Rat 178 mg/cu m (no duration specified)
Vinyl acetate	Oral LD50 Rat = 2920 mg/kg Inhalation LC50 Rat = 11400 ml/cu m Dermal LD50 Rabbit = 2335 mg/kg
Diphenylmethane-2,4-diisocyanate	Not established

TOXICOLOGY SUMMARY: No additional health information available.

SECTION 12: ECOLOGICAL INFORMATION

OVERVIEW: No ecological information available

SECTION 13: DISPOSAL CONSIDERATIONS

To the best of our knowledge, this product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261. Disposal via incineration at an approved facility is recommended. Consult state, local or provincial authorities for more restrictive requirements.

SECTION 14: TRANSPORTATION INFORMATION

Consult Bill of Lading for transportation information.

DOT: NOT REGULATED

IATA: NOT REGULATED

SECTION 15: REGULATORY INFORMATION**INVENTORY STATUS**

U.S. EPA TSCA: This product is in compliance with the Toxic Substances Control Act's Inventory requirements.

CANADIAN CEPA DSL: This product contains a component that is not on the DSL. If you are the importer of this product into Canada, contact H.B. Fuller for chemical tracking and notification information.

EUROPEAN EINECS: As a result of the introduction of REACH into Europe, this product cannot be imported into Europe unless the REACH requirements are met.

If you need more information about the inventory status of this product call 651-236-5858.

This product may contain chemical substances that are regulated for export by various government agencies (such as the Environmental Protection Agency, the Bureau of Industry and Security, or the Drug Enforcement

MATERIAL SAFETY DATA SHEET

Administration, among others). Before exporting this product from the USA or Canada, we recommend you contact us at 651-236-5858 (USA) or 450-655-1306 x227 (Canada) to request an export review.

FEDERAL REPORTING

EPA SARA Title III Section 313

Unless listed below, this product does not contain toxic chemical(s) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR part 372. EPA has advised that when a percentage range is listed the midpoint may be used to fulfill reporting obligations.

Chemical Name	CAS#	%
Methylenebis(phenylisocyanate) (MDI)	101-68-8	1 - 5
Vinyl acetate	108-05-4	0.1 - 1

WHMIS STATUS: Unless listed below, this product is not controlled under the Canadian Workplace Hazardous Materials Information System.

D2A D2B

STATE REPORTING

This MSDS is not prepared for distribution in California.

SECTION 16: ADDITIONAL INFORMATION

This Material Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200) and the Canadian Workplace Hazardous Materials Information System (WHMIS).

HMIS RATING: HEALTH -- 2 FLAMMABILITY -- 1 REACTIVITY -- 0

See SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for personal protective equipment recommendations.

Prepared by: The Global Regulatory Department

Phone: 651-236-5842

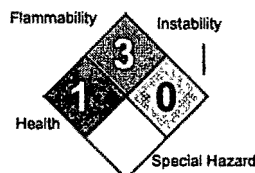
The information and recommendations set forth herein are believed to be accurate. Because some of the information is derived from information provided to the H.B. Fuller Company from its suppliers, and because the H.B. Fuller Company has no control over the conditions of handling and use, the H.B. Fuller Company makes no warranty, expressed or implied, regarding the accuracy of the data or the results to be obtained from the use thereof. The information is supplied solely for your information and consideration, and the H.B. Fuller Company assumes no responsibility for use or reliance thereon. It is the responsibility of the user of H.B. Fuller Company products to comply with all applicable federal, state and local laws and regulations.

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Denatured Alcohol

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HEALTH	*	2
FLAMMABILITY		3
PHYSICAL		0
PPE	X	



Printed: 09/12/2012
Revision: 06/08/2012
Supersedes Revision: 04/14/2009

1. Product and Company Identification

Product Code: 1625.6
Product Name: Denatured Alcohol
Manufacturer Information
Company Name: W. M. Barr
2105 Channel Avenue
Memphis, TN 38113
Phone Number: (901)775-0100
Emergency Contact: 3E 24 Hour Emergency Contact (800)451-8346
Information: W.M. Barr Customer Service (800)398-3892
Web site address: www.wmbarr.com
Preparer Name: W.M. Barr EHS Dept (901)775-0100
Synonyms
CSL26, DSL26, GSL26, QSL26

2. Hazards Identification

GHS Classification

GHS Hazard Phrases

No data available.

GHS Precaution Phrases

No data available.

GHS Response Phrases

No data available.

GHS Storage and Disposal Phrases

No data available.

Potential Health Effects (Acute and Chronic)

Inhalation Acute Exposure Effects:

Vapor harmful. May cause dizziness, headache, watering of eyes, irritation of respiratory tract, irritation to the eyes, drowsiness, nausea, other central nervous system effects, spotted or blurry vision, dilation of pupils, and convulsions.

Skin Contact Acute Exposure Effects:

May cause irritation, drying of skin, redness, and dermatitis. May cause symptoms listed under inhalation. May be absorbed through damaged skin.

Eye Contact Acute Exposure Effects:

May cause irritation.

Ingestion Acute Exposure Effects:

Poison. Cannot be made non-poisonous. May be fatal or cause blindness. May produce fluid in the lungs and pulmonary edema. May cause dizziness, headache, nausea, drowsiness, loss of coordination, stupor, reddening of face and or neck, liver, kidney and heart damage, coma, and death. May produce symptoms listed under inhalation.

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Chronic Exposure Effects:

May cause symptoms listed under inhalation, dizziness, fatigue, tremors, permanent central nervous system changes, blindness, pancreatic damage, and death.

Target Organs:

Liver, kidneys, pancreas, heart, lungs, brain, central nervous system, eyes

Medical Conditions Generally Aggravated By Exposure

Diseases of the liver, skin, lung, kidney, central nervous system, pancreas, and heart; asthma; inflammatory or fibrotic pulmonary disease; any preexisting condition sensitive to a decrease in available oxygen, such as chronic lung disease, coronary artery disease, or anemias

OSHA Regulatory Status:

This material is classified as hazardous under OSHA regulations.

3. Composition/Information on Ingredients

Hazardous Components (Chemical Name)	CAS #	Concentration
1. Ethyl alcohol (Ethanol)	64-17-5	40.0 -50.0 %
2. Methanol (Methyl alcohol; Carbinol; Wood alcohol)	67-56-1	50.0 -55.0 %
3. Methyl isobutyl ketone (Hexone; Isopropylacetone; MIBK; 4-Methyl-2-pentanone)	108-10-1	1.0 -4.0 %
4. Acetic acid, ethyl ester (Ethyl acetate)	141-78-6	0.5 -1.5 %
5. Heptane	142-82-5	0.5 -1.5 %

4. First Aid Measures

Emergency and First Aid Procedures

Skin:

Immediately begin washing the skin thoroughly with large amounts of water and mild soap, if available, while removing contaminated clothing. Seek medical attention if irritation persists.

Eyes:

Immediately begin to flush eyes with water, remove any contact lens. Continue to flush the eyes for at least 15 minutes, then seek immediate medical attention.

Inhalation:

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

Ingestion:

If swallowed, do NOT induce vomiting. Seek immediate medical attention. Call a physician, hospital emergency room, or poison control center immediately. Never give anything by mouth to an unconscious person.

Note to Physician

Poison. This product contains methanol. Methanol is metabolized to formaldehyde and formic acid. These metabolites may cause metabolic acidosis, visual disturbances and blindness. Since metabolism is required for these toxic symptoms, their onset may be delayed from 6 to 30 hours following ingestion. Ethanol competes for the same metabolic pathway and has been used as an antidote. Methanol is effectively removed by hemodialysis.

Call your local poison control center for further instructions.

Signs and Symptoms Of Exposure

See Potential Health Effects

5. Fire Fighting Measures

Flammability Classification: OSHA Class IB
Flash Pt: 45 F Method Used: Setaflash Closed Cup (Rapid Setaflash)
Explosive Limits: LEL: No data. UEL: No data.
Autoignition Pt: No data available.

Fire Fighting Instructions

Self-contained respiratory protection should be provided for fire fighters fighting fires in buildings or confined area. Storage containers exposed to fire should be kept cool with water spray to prevent pressure build-up. Stay away from heads of containers that have been exposed to intense heat or flame.

Flammable Properties and Hazards

Vapors are heavier than air. Vapor may travel considerable distance to source of ignition and flash back.

Hazardous Combustion Products

carbon monoxide, carbon dioxide

Suitable Extinguishing Media

Use carbon dioxide, dry powder, or alcohol resistant foam.

Unsuitable Extinguishing Media

Water may be ineffective. Solid streams of water will likely spread the fire.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled

Vapors are heavier than air. Vapors may cause flash fire or ignite explosively.

Clean up: Keep unnecessary people away; isolate hazard area and deny entry. Stay upwind, out of low areas, and ventilate closed spaces before entering. Shut off ignition sources; keep flares, smoking or flames out of hazard area. Use non-sparking tools. Use proper bonding and grounding methods for all equipment and processes. Keep out of waterways and bodies of water. Be cautious of vapors collecting in small enclosed spaces, sewers, low lying areas, confined spaces, etc.

Small spills: Take up with sand, earth or other noncombustible absorbent material and place in a plastic container where applicable.

Large spills: Dike far ahead of spill for later disposal.

Waste Disposal: Dispose in accordance with applicable local, state and federal regulations.

7. Handling and Storage

Precautions To Be Taken in Handling

Read carefully all cautions and directions on product label before use. Since empty container retains residue, follow all label warnings even after container is empty. Dispose of empty container according to all regulations. Do not reuse this container.

Do not use this product near any source of heat or open flame, furnace areas, pilot lights, stoves, etc.

Do not use in small enclosed spaces, such as basements and bathrooms where vapors can accumulate. Vapors can accumulate and explode if ignited.

Do not use this product if the work area is not well ventilated. Use only with adequate ventilation to prevent build up of vapors.

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Do not spread this product over large surface areas because fire and health safety risks will increase dramatically.

Use proper bonding and grounding when transferring material. Be aware of static electricity generation when handling material.

Precautions To Be Taken in Storing

Keep container tightly closed when not in use. Store in a cool, dry place. Do not store near any source of heat or open flame, furnace areas, pilot lights, stoves, etc.

8. Exposure Controls/Personal Protection

Hazardous Components (Chemical Name)	CAS #	OSHA PEL	ACGIH TWA	Other Limits
1. Ethyl alcohol {Ethanol}	64-17-5	PEL: 1000 ppm	TLV: 1000 ppm	No data.
2. Methanol {Methyl alcohol; Carbinol; Wood alcohol}	67-56-1	PEL: 200 ppm	TLV: 200 ppm STEL: 250 ppm	No data.
3. Methyl isobutyl ketone {Hexone; Isopropylacetone; MIBK; 4-Methyl-2-pentanone}	108-10-1	PEL: 100 ppm	TLV: 50 ppm STEL: 75 ppm	No data.
4. Acetic acid, ethyl ester {Ethyl acetate}	141-78-6	PEL: 400 ppm	TLV: 400 ppm	No data.
5. Heptane	142-82-5	PEL: 500 ppm	TLV: 400 ppm	No data.

Respiratory Equipment (Specify Type)

For use in areas with inadequate ventilation or fresh air, wear a properly maintained and properly fitted NIOSH approved respirator for organic solvent vapors.

For OSHA controlled work places and other regular users - Use only with adequate ventilation under engineered air control systems designed to prevent exceeding the appropriate TLV.

A dust mask does not provide protection against vapors.

Eye Protection

Chemical splash goggles should be worn to prevent eye contact.

Protective Gloves

Wear gloves with as much resistance to the chemical ingredients as possible. Glove materials such as nitrile, natural rubber, and neoprene will provide protection. Glove selection should be based on chemicals being used and conditions of use. Consult your glove supplier for additional information. Gloves contaminated with product should be discarded and not reused.

Other Protective Clothing

Various application methods can dictate the use of additional protective safety equipment, such as impermeable aprons, etc., to minimize exposure.

Engineering Controls (Ventilation etc.)

Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Use only with adequate ventilation to prevent buildup of vapors. Do not use in areas where vapors can accumulate and concentrate, such as basements, bathrooms or small enclosed areas. Whenever possible, use outdoors in an open air area. If using indoors open all windows and doors and maintain a cross ventilation of moving fresh air across the work area. If strong odor is noticed or you experience slight dizziness, headache, nausea or eye-watering -- STOP -- ventilation is inadequate. Leave area immediately and move to fresh air.

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Work/Hygienic/Maintenance Practices

Wash hands thoroughly after use and before eating, drinking, smoking, or using the restroom.

Do not eat, drink, or smoke in the work area.

Discard any clothing or other protective equipment that cannot be decontaminated.

Facilities storing or handling this material should be equipped with an emergency eyewash and safety shower.

9. Physical and Chemical Properties

Physical States: ☐ Gas ☒ Liquid ☐ Solid
Melting Point: No data.
Boiling Point: 150 F
Autoignition Pt: No data.
Flash Pt: 45 F Method Used: Setaflash Closed Cup (Rapid Setaflash)
Specific Gravity (Water = 1): 0.7934 - 0.8108
Density: 6.646 LB/GL
Vapor Pressure (vs. Air or mm Hg): 76 MM HG at 68 F
Vapor Density (vs. Air = 1): > 1
Evaporation Rate: > 1
Solubility in Water: No data.
Percent Volatile: 100 % by weight.
VOC / Volume: 790 G/L
Appearance and Odor
Water white, alcohol odor

10. Stability and Reactivity

Stability: Unstable ☐ Stable ☒

Conditions To Avoid - Instability

No data available.

Incompatibility - Materials To Avoid

Incompatible with strong oxidizing agents, strong acids, reactive metals, halogens, strong inorganic acids, and aldehydes.

Hazardous Decomposition Or Byproducts

Decomposition may produce carbon monoxide and carbon dioxide.

Possibility of Hazardous Reactions: Will occur ☐ Will not occur ☒

Conditions To Avoid - Hazardous Reactions

No data available.

11. Toxicological Information

Toxicological Information

Ethanol:

ACUTE TOXICITY:

LD50 Rat oral 7060 mg/kg

LC50 Rat inhalation 20000 ppm/ 10 hr

SKIN CORROSION / IRRITATION: Skin irritant.

SERIOUS EYE DAMAGE / IRRITATION: Eye irritant. Will cause burning and stinging.

RESPIRATORY OR SKIN SENSITIZATION: Ethanol has been shown to have a weak skin sensitizing potential in a very small percentage of the population.

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ASPIRATION HAZARD: No data.

MUTAGENIC DATA: No data.

IMMUNOTOXICITY: No data.

NEUROTOXICITY: The clinical features of ethanol intoxication in a nontolerant individual are related to blood alcohol levels: at 50 to 150 mg/dL (0.05 to 0.15%), there is mild intoxication: slight impairment of visual acuity, muscular incoordination, and reaction time; and mood personality, and behavioral changes; at 150 to 300 mg/dL (0.15 to 0.30%), moderate intoxication occurs, resulting in visual impairment, sensory loss, muscular incoordination, slowed reaction time, and slurred speech; at 300 to 500 mg/dL (0.30 to 0.50%), there is severe intoxication characterized by marked muscular incoordination, blurred or double vision, sometimes stupor and hypothermia, vomiting and nausea, and occasional hypoglycemia and convulsions; and at > 400 mg/dL (0.40%), there are coma, respiratory depression, hypotension and hypothermia, and death from respiratory or circulatory failure or as a result of aspiration of stomach contents in the absence of a gag reflex.

DEVELOPMENTAL/REPRODUCTIVE: Prenatal exposure to ethanol (as alcoholic beverages) is associated with a distinct pattern of congenital malformations that have been collectively termed the fetal alcohol syndrome. There have been no reports of fetal alcohol syndrome as a result of industrial exposure by the oral, dermal, or inhalation routes.

CARCINOGEN STATUS: Not classifiable as a human carcinogen.

Ethyl Acetate:

ACUTE TOXICITY:

LD50, rat, oral, 5,600 mg/kg

LC50, rat, inhalation, 16,000 ppm, 6 hr

LD50, rabbit, skin, >20 mL/kg

SKIN CORROSION / IRRITATION: Causes slight skin irritation.

SERIOUS EYE DAMAGE / IRRITATION: Causes eye irritation.

RESPIRATORY OR SKIN SENSITIZATION: Not a sensitizer.

ASPIRATION HAZARD: No data.

MUTAGENIC DATA: Ethyl acetate was negative for mutagenicity in Salmonella typhimurium assays.

IMMUNOTOXICITY: No data.

NEUROTOXICITY: High concentrations may cause CNS depression.

DEVELOPMENTAL/REPRODUCTIVE: No data.

CARCINOGEN STATUS: No data.

Heptane:

LD50 Mouse iv 222 mg/kg

LD50 Mouse inhalation 75 g/cu m/2 hr

LC50 Rat inhalation 103 g/cu m/4 hr

Methanol:

ACUTE TOXICITY:

LD50 Rat oral 5628 mg/kg

LC50 Rat inhalation 64000 ppm/4 hr

LC50 Rat inhalation 87.5 mg/L/6 hr

LD50 Mouse oral 7300 mg/kg

SKIN CORROSION / IRRITATION: LD50 Rabbit dermal 15,800 mg/kg bw

SERIOUS EYE DAMAGE / IRRITATION: Methanol is a mild to moderate eye irritant.

RESPIRATORY OR SKIN SENSITIZATION: Not a respiratory or skin sensitizer.

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ASPIRATION HAZARD: Methanol presents an aspiration hazard.

MUTAGENIC DATA: No data.

IMMUNOTOXICITY: No data.

NEUROTOXICITY: Overexposure to methanol has been suggested as causing central nervous system damage in laboratory animals.

DEVELOPMENTAL/REPRODUCTIVE: The inhalation of methanol by pregnant rodents throughout the period of embryogenesis induces a wide range of concentration-dependent teratogenic and embryolethal effects.

Methanol has caused birth defects in laboratory animals, but only when inhaled at extremely high vapor concentrations. The relevance of this finding to humans is uncertain.

CARCINOGEN STATUS: There is no evidence from animal studies to suggest methanol is a carcinogen.

Methyl Isobutyl Ketone:

LD50 Rabbit dermal >16000 mg/kg bw

LC50 Rat inhalation 8.2-16.4 mg/L/4 hr

LD50 Mouse ip 590 mg/kg bw

LD50 Guinea pig ip 0.919 mL/kg

LC50 Mouse inhalation, CF-1, 74.2 + or - 25.8 mg/L/45 min

LD50 Rat ip 1.14 mL/kg

LD50 Mouse oral 2850 mg/kg bw

LD50 Mouse oral 1900 mg/kg bw

LD50 Rat oral 4600 mg/kg bw

LD50 Rat oral 2.08 g/kg

Chronic Toxicological Effects

No data available.

Carcinogenicity/Other Information

IARC 2B - Possibly Carcinogenic to Humans

ACGIH A4 - Not Classifiable as a Human Carcinogen.

IARC has determined that the consumption of alcoholic beverages is casually related to the occurrence of malignant tumors of the oral cavity, pharynx, larynx, esophagus, and liver in humans. The carcinogenic response attributed to drinking alcoholic beverages has not been verified in studies with laboratory animals. Established uses of denatured ethanol and non-beverage use of pure ethanol are not considered to pose any significant cancer hazard.

Hazardous Components (Chemical Name)	CAS #	NTP	IARC	ACGIH	OSHA
1. Ethyl alcohol (Ethanol)	64-17-5	n.a.	1	A4	n.a.
2. Methanol (Methyl alcohol; Carbinol; Wood alcohol)	67-56-1	n.a.	n.a.	n.a.	n.a.
3. Methyl isobutyl ketone (Hexone; Isopropylacetone; MIBK; 4-Methyl-2-pentanone)	108-10-1	n.a.	2B	n.a.	n.a.
4. Acetic acid, ethyl ester (Ethyl acetate)	141-78-6	n.a.	n.a.	n.a.	n.a.
5. Heptane	142-82-5	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

General Ecological Information

Ethanol:

TOXICITY:

LC50 Salmo gairdnerii (Rainbow trout) 13000 mg/L/96 hr at 12 deg C (95% Confidence limit 12000-16000 mg/L), wt 0.8 g /Static bioassay/

LC50 Pimephales promelas (fathead minnows) 15.3 g/L/96 hr (95% confidence limit 14.0-16.6 g/L); age 30 days

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old, water hardness 47.3 mg/L (CaCO₃), temp 24.3 deg C, pH 7.60, dissolved oxygen 6.8 mg/L, alkalinity 43.7 mg/L (CaCO₃); tank vol: 6.3 L; additions: 3.81 vol/day /Flow-through bioassay/

PERSISTENCE AND DEGRADABILITY: If released to the atmosphere, an extrapolated vapor pressure of 59.3 mm Hg at 25 deg C indicates that ethanol will exist solely in the vapor phase. Vapor phase ethanol is degraded in the atmosphere by reaction with photochemically-produced hydroxyl radicals; the half-life for this reaction in air is estimated to be 5 days. Volatilization from moist soil surfaces is expected to be an important fate process based upon a Henry's Law constant of 5×10^{-6} atm-cu m/mole. Ethanol may also volatilize from dry soils based upon its vapor pressure. Biodegradation is expected to occur rapidly in the environment based on numerous screening tests using different types of inocula and incubation periods. Ethanol was degraded with half-lives on the order of a few days using microcosms constructed with a low organic sandy soil and groundwater, indicating it is unlikely to be persistent in the environment.

BIOACCUMULATIVE POTENTIAL: If released into water, ethanol is not expected to adsorb to suspended solids and sediment based upon the estimated Koc. An estimated BCF of 3 suggests the potential for bioconcentration in aquatic organisms is low.

MOBILITY IN SOIL: If released to soil, ethanol is expected to have very high mobility based upon an estimated Koc of 1.

OTHER ADVERSE EFFECTS: No data.

Ethyl Acetate:

Toxicity:

LC50 HETEROPNEUSTES FOSSILIS (COMMON INDIAN CATFISH) 212.5 PPM/96 HR /

LC50 Pimephales promelas (fathead minnow) 230 mg/l/96 hr

EC50 Pimephales promelas (fathead minnow) 220 mg/l/96 hr

Persistence and Degradability: Biodegradation is expected to be an important process in both soil and water.

Bioaccumulative Potential: If released into water, ethyl acetate is not expected to adsorb to suspended solids and sediment in water based on the estimated Koc. An estimated BCF of 3.2 suggests the potential for bioconcentration in aquatic organisms is low.

Mobility in Soil: Expected to have high mobility based upon an estimated Koc of 59.

Methanol:

TOXICITY: Methanol is of low toxicity to aquatic organisms. LC50 Pimephales promelas (fathead minnows) 29.4 g/L/96 hr, (28-29 days old), confidence limit= 28.5-30.4; Test conditions: Water temp= 25 deg C, dissolved oxygen= 7.3 mg/L, water hardness= 43.5 mg/l calcium carbonate, alkalinity= 46.6 calcium carbonate, tank volume= 6.3 L, additions= 5.71 V/D, pH= 7.66 (0.03).

PERSISTENCE AND DEGRADABILITY: If released to the atmosphere, a vapor pressure of 127 mm Hg at 25 deg C indicates that methanol will exist solely in the vapor phase. Vapor phase methanol is degraded in the atmosphere by reaction with photochemically-produced hydroxyl radicals; the half-life for this reaction in air is estimated to be 17 days. Volatilization from moist soil surfaces is expected to be an important fate process based upon a Henry's Law constant of 4.55×10^{-6} atm-cu m/mole. Methanol may also volatilize from dry soils based upon its vapor pressure. Biodegradation of methanol in soils is expected to occur rapidly based on half-lives in a sandy silt loam from Texas and a sandy loam from Mississippi of 1 and 3.2 days, respectively. If released into water, methanol is not expected to adsorb to suspended solids and sediment based upon the estimated Koc. Volatilization from water surfaces is expected to be an important fate process based upon this compound's Henry's Law constant. Estimated volatilization half-lives for a model river and model lake are 3 and 35 days, respectively. Biodegradation is expected to occur in natural waters since methanol is degraded quickly in soils and was biodegraded rapidly in various aqueous screening tests using sewage seed or activated sludge. Hydrolysis of methanol and photolysis in sunlit surface waters are not expected since methanol lacks functional groups that are susceptible to hydrolysis or photolysis under environmental conditions.

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BIOACCUMULATIVE POTENTIAL: BCF values of less than 10, measured in fish suggests bioconcentration in aquatic organisms is low.

MOBILITY IN SOIL: If released to soil, methanol is expected to have very high mobility based upon an estimated Koc of 1.

Methyl Isobutyl Ketone:

Toxicity:

LC50 fathead minnow 96 hr 780 mg/L

LC50 water flea 48 hr >1,000 mg/L

LC50 bacteria 16 hr >1,000 mg/L

Persistence and Degradability: A biodegradation rate of 0.24 1/hr using activated sludge suggests that biodegradation is an important environmental fate process.

Bioaccumulative Potential: An estimated BCF of 2 suggests the potential for bioconcentration in aquatic organisms is low.

Mobility in Soil: Expected to have high mobility based upon an estimated Koc of 120.

13. Disposal Considerations

Waste Disposal Method

Dispose in accordance with applicable local, state, and federal regulations.

14. Transport Information

LAND TRANSPORT (US DOT)

DOT Proper Shipping Name	Alcohols, n.o.s. (Ethyl Alcohol, Methanol)
DOT Hazard Class:	3
DOT Hazard Label:	FLAMMABLE LIQUID
UN/NA Number:	UN1987
Packing Group:	II

Additional Transport Information

The transportation information listed above is suitable for all modes of transportation. IMO/IMDG, ICAO/IATA, 49 CFR

For D.O.T. information, contact W.M. Barr Technical Services at 1-800-398-3892.

The shipper / supplier may apply one of the following exceptions: Combustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 49CFR Hazmat Regulations. Please consult 49CFR Subchapter C to ensure that subsequent shipments comply with these exceptions.

15. Regulatory Information

US EPA SARA Title III

Hazardous Components (Chemical Name)	CAS #	Sec.302 (EHS)	Sec.304 RQ	Sec.313 (TRI)	Sec.110
1. Ethyl alcohol {Ethanol}	64-17-5	No	No	No	No
2. Methanol {Methyl alcohol; Carbinol; Wood alcohol}	67-56-1	No	Yes 5000 LB	Yes	No
3. Methyl isobutyl ketone {Hexone; Isopropylacetone; MIBK; 4-Methyl-2-pentanone}	108-10-1	No	Yes 5000 LB	Yes	Yes

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Hazardous Components (Chemical Name)

4. Acetic acid, ethyl ester {Ethyl acetate}
5. Heptane

CAS #

141-78-6
142-82-5

Sec.302 (EHS)

No
No

Sec.304 RQ

Yes 5000 LB
No

Sec.313 (TRI)

No
No

Sec.110

No
No

US EPA CAA, CWA, TSCA**Hazardous Components (Chemical Name)**

1. Ethyl alcohol {Ethanol}
2. Methanol {Methyl alcohol; Carbinol; Wood alcohol}
3. Methyl isobutyl ketone {Hexone; Isopropylacetone; MIBK; 4-Methyl-2-pentanone}
4. Acetic acid, ethyl ester {Ethyl acetate}
5. Heptane

CAS #

64-17-5
67-56-1
108-10-1
141-78-6
142-82-5

EPA CAA

HAP, ODC ()
HAP, ODC ()
HAP, ODC ()
HAP, ODC ()
HAP, ODC ()

EPA CWA NPDES

No
No
No
No
No

EPA TSCA

Inventory
Inventory
Inventory
Inventory, 4 Test
Inventory, 4 Test,
8A PAIR

CA PROP 65

No
Yes
Yes
No
No

EPA Hazard Categories:

This material meets the EPA 'Hazard' Categories' defined for SARA Title III Sections 311/312 as indicated:

- ☒ Yes ☐ No Acute (immediate) Health Hazard
☒ Yes ☐ No Chronic (delayed) Health Hazard
☒ Yes ☐ No Fire Hazard
☐ Yes ☒ No Sudden Release of Pressure Hazard
☐ Yes ☒ No Reactive Hazard

Regulatory Information Statement

All components of this material are listed on the TSCA Inventory or are exempt.

16. Other Information

Company Policy or Disclaimer

The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.

SECTION I - GENERAL INFORMATION

Manufacturer:

Lamson Oil Company
2511-20th Street
Rockford IL 61104

Date Revised: April 22, 2002
Revised By: Safety Department
Telephone Number for Information: (815)226-8090
Fax Number for Information: (815)226-9250
Emergency Number (Chemtrec): (800)424-9300

Chemtrec is to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure, or accident involving chemicals.

HAZARD RATING, HMIS SYSTEM, VALUES

Health = 1
Flammability = 2
Reactivity = 0

NOTE: Hazard Ratings Based On:

4 = Severe
3 = Serious
2 = Moderate
1 = Slight
0 = Minimal

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components (Chemicals & Common Names)	CAS #	OSHA PEL	ACGIH TLV	LD 50	Other
Isoparaffinic Hydrocarbon	64742-48-9	NE	NE		

We recommend a TLV of 100ppm (same as stoddard solvent).

SECTION III - PHYSICAL, CHEMICAL CHARACTERISTICS

Boiling Point: >350°F
Specific Gravity (Water = 1): 0.77 +/- 0.01
Vapor Pressure (mm HG): 1.0 @70°F
Melting Point: Not Applicable
Vapor Density (Air=1): >5
Evaporation Rate (butyl Acetate=1): <0.1
Solubility in Water: Insoluble
Reactivity in Water: NIL
Appearance and Odor: Clear liquid; low odor

SECTION IV - FIRE & EXPLOSION DATA

Flash Point: 120°F Method: TCC
Flammable Limit (Vol % in Air) LEL: 1.3 UEL: 9.8
Extinguishing Media: CO₂, Foam, Dry Chemical, or Water Fog
Special Fire Fighting Procedures:
Keep Fire-exposed containers cool with water spray.
Firefighters may need self-contained breathing apparatus.
Unusual Fire and Explosion Hazards:
None.

SECTION V - REACTIVITY DATA

Stability: [] Unstable [X] Stable

Conditions to Avoid: Storage below 35°F or above 100°F; sparks, flames or hot surfaces; contamination

Incompatibility (Materials to Avoid): strong oxidizing and reducing agents

Hazardous Decomposition Products: Combustion may produce oxides of carbon; HCl

Hazardous Polymerization: [] May Occur [X] Will Not Occur

Conditions to Avoid: Not Applicable

SECTION VI - HEALTH HAZARD DATA

Routes of Entry: Eyes: Primary Inhalation: Secondary

Skin: Primary Ingestion: Not Expected

Carcinogenicity: No NPT: No IARC Monographs: No OSHA Regulated: No

Health Hazards:

Chronic: No Known Effects

Acute: Possible skin irritant on prolonged contact.

Eye irritant on contact.

Possible Respiratory or mucous membrane irritant if mists or hot vapors are inhaled.

Signs & Symptoms of OverExposure:

Redness, irritation of skin, eyes. Possible membrane irritation if mists or hot vapors are inhaled.

Medical Conditions Aggravated by Exposure: None known.

Emergency and First Aid Procedures:

Eyes: Flush with water 15 minutes; if burning persists see physician.

Skin: Wash with soap and water; if irritation continues get medical attention.

Inhalation: Remove to fresh air; apply artificial respiration if necessary.

Ingestion: Administer 2 glasses of milk or water. Do not induce vomiting.
Get medical attention.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case Material is Released or Spilled:

Dike large spills to prevent ingress into sewers.

Cleanup spills with absorbent and store in marked containers for disposal.

Precautions to be taken in Handling and Storage:

Keep containers covered. Do not reuse containers.

Avoid: Hot surfaces, ignition sources, and prolonged skin contact.

Waste Disposal Method:

Dispose in accordance with local, state and federal regulations.

Other Precautions:

Laundry contaminated clothing before re-use.

Wash thoroughly after contact, followed by application of skin cream.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: Use NIOSH approved respirator when airborne exposure limits are exceeded.

Ventilation: Local Exhaust: Usually sufficient. Special: Not applicable

General Exhaust: Preferred Other: Not applicable

Protective Gloves: Gloves, (Solvent resistant (Prolonged contact))

Eye Protection: Safety Goggles

Other Protective Clothing or Equipment:

Apron if exposed continuously to fluid or mist.

INFORMATION GIVEN HEREIN IS OFFERED IN GOOD FAITH AS ACCURATE, BUT WITHOUT GUARANTEE. CONDITIONS OF USE AND SUITABILITY OF THE PRODUCT FOR PARTICULAR USES ARE BEYOND OUR CONTROL: ALL RISKS OF USE OF THE PRODUCT ARE THEREFORE ASSUMED BY THE USER AND WE EXPRESSLY DISCLAIM ALL WARRANTIES OF EVERY KIND AND NATURE, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE IN RESPECT TO THE USE OR SUITABILITY OF THE PRODUCT. APPROPRIATE WARNINGS AND SAFE HANDLING PROCEDURES SHOULD BE PROVIDED TO HANDLERS AND USERS.

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name LUBEMASTER VANISHING OIL
Recommended use Lubricant
Information on Manufacturer
CERTIFIED LABS, DIV. OF NCH CORP.
BOX 152170
IRVING, TEXAS 75015

Product Code 6T30
Chemical nature Mixture
Emergency Telephone Number
CHEMTREC 1-800-424-9300

2. HAZARDS IDENTIFICATION

Emergency Overview
WARNING
Combustible Liquid
Causes skin irritation
Causes eye irritation
May be harmful if inhaled
May be harmful if swallowed

Color Colorless

Physical State Liquid

Odor Odorless

Potential Health Effects

Principle Route of Exposure

Primary Routes of Entry

Acute Effects

Eyes

Skin

Inhalation

Ingestion

Chronic Toxicity

Target Organ Effects

Aggravated Medical Conditions

Potential Environmental Effects

Skin contact, Eye contact, Inhalation.

Inhalation

Causes eye irritation.

Causes skin irritation.

May cause irritation of respiratory tract. Inhalation may cause central nervous system effects. May cause central nervous system depression. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration hazard if swallowed - can enter lungs and cause damage.

Prolonged or repeated inhalation may cause damage to the lungs. Prolonged skin contact may defat the skin and produce dermatitis. Central nervous system, Cardiovascular system, Respiratory system, Eyes, Ears, Liver, Kidney.

Respiratory disorders, Skin disorders, Neurological disorders, Liver disorders, Kidney disorders.

See Section 12 for additional Ecological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS-No
Petroleum distillates, hydrotreated light	64742-47-8
Alcohols, C11-14, Iso-, C13 rich	68526-86-3

4. FIRST AID MEASURES

General Advice

Eye Contact

Skin Contact

Inhalation

Ingestion

Notes to Physician

Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists.

Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.

Wash off immediately with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention if irritation develops and persists. Wash contaminated clothing before re-use.

If inhaled, remove to fresh air. Get medical attention if symptoms occur.

Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention immediately. Never give anything by mouth to an unconscious person.

Aspiration hazard if swallowed - can enter lungs and cause damage.

5. FIRE-FIGHTING MEASURES

Flash Point 142 °F / 61 °C

Method

Pensky Marten Closed Tester

Autoignition Temperature No information available.

Flammability Limits in Air % Petroleum distillates.

Upper 4.9

Lower 0.6

Suitable Extinguishing Media

Foam, Carbon dioxide (CO2), Dry chemical, Water spray

Specific hazards arising from the chemical

Combustible Liquid. Solvent vapors are heavier than air and may spread along floors. Vapors may ignite and explode. Material can create slippery conditions.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

NFPA

Health 2

Flammability 2

Instability 0

HMIS

Health 2

Flammability 2

Instability 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Use personal protective equipment. Remove all sources of ignition. Ensure adequate ventilation. Prevent further leakage or spillage if safe to do so. Material can create slippery conditions.

Environmental Precautions

Do not flush into surface water or sanitary sewer system.

Methods for Containment

Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

Methods for Cleaning Up

Use clean non-sparking tools to collect absorbed material. Pick up and transfer to properly labeled containers.

Neutralizing Agent

Not applicable.

7. HANDLING AND STORAGE

Handling

Keep away from open flames, hot surfaces and sources of ignition. Avoid contact with skin, eyes and clothing. Avoid breathing

Storage	vapors or mists.			
	Keep away from heat and sources of ignition. Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place.			
	Minimum	35 °F / 2 °C		Maximum
Storage Temperature	Indoor	X	Outdoor	Heated
Storage Conditions				Refrigerated

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH
Petroleum distillates, hydrotreated light	5 mg/m ³ as oil mist	10 mg/m ³ as oil mist	No data available
Alcohols, C11-14, iso-, C13 rich	No data available	No data available	No data available

Engineering Measures

Use with local exhaust ventilation. Ensure adequate ventilation, especially in confined areas

Personal Protective Equipment

Eye/Face Protection

Safety glasses with side-shields

Skin Protection

Wear suitable protective clothing, impervious gloves.

Respiratory Protection

In case of insufficient ventilation wear suitable respiratory equipment. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

General Hygiene Considerations

Ensure that eyewash stations and safety showers are close to the workstation location. Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid	Viscosity	Non viscous
Color	Colorless	Odor	Odorless
Appearance	Transparent	pH	Not applicable
Specific Gravity	0.78	Evaporation Rate	0.02 (Butyl acetate=1)
Percent Volatile (Volume)	100	VOC Content (%)	100
VOC Content (g/L)	780	Vapor Pressure	0.24 mmHg @ 70°F
Vapor Density	6.8 (Air = 1.0)	Solubility	Negligible
Boiling Point/Range	363 °F / 184 °C		

10. STABILITY AND REACTIVITY

Chemical Stability

Stable under normal conditions

Conditions to Avoid

Keep away from open flames, hot surfaces, and sources of ignition

Incompatible Products

Strong oxidizing agents, Strong acids, Aldehydes, Highly halogenated compounds.

Hazardous Decomposition Products

Carbon oxides

Possibility of Hazardous Reactions

None under normal processing

11. TOXICOLOGICAL INFORMATION

Product Information

No information available.

Component Information

Acute Toxicity

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation	Draize Test	Other
Petroleum distillates, hydrotreated light	5000 mg/kg (Rat)	2000 mg/kg (Rabbit)	5.2 mg/L (Rat) 4 h	no data available	no data available
Alcohols, C11-14, iso-, C13 rich	17000 mg/kg (Rat)	2600 mg/kg (Rabbit)	no data available	no data available	no data available

Chronic Toxicity

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Petroleum distillates, hydrotreated light	no data available	no data available	no data available	no data available	CNS, cardiovascular system, respiratory system, liver, kidney
Alcohols, C11-14, iso-, C13 rich	no data available	no data available	no data available	no data available	no data available

Carcinogenicity

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Component	ACGIH	IARC	NTP	OSHA	Other
Petroleum distillates, hydrotreated light	not applicable	not applicable	not applicable	not applicable	not applicable
Alcohols, C11-14, iso-, C13 rich	not applicable	not applicable	not applicable	not applicable	not applicable

12. ECOLOGICAL INFORMATION

Product Information

No information available.

Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Water Flea	log Pow
Petroleum distillates, hydrotreated light	no data available	LC50 = 2.2 mg/L <i>Lepomis macrochirus</i> 96 h LC50 = 2.4 mg/L <i>Oncorhynchus mykiss</i> 96 h LC50 = 45 mg/L <i>Pimephales promelas</i> 96 h	no data available	= 4720 mg/L 96 h	N/A
Alcohols, C11-14, iso-, C13 rich	EC50 = 172.2 mg/L <i>Pseudokirchnerella subcapitata</i> 96 h	LC50 = 0.2 mg/L <i>Pimephales promelas</i> 96 h LC50 = 13.9 mg/L <i>Oncorhynchus mykiss</i> 96 h LC50 = 15.7 mg/L <i>Pimephales promelas</i> 96 h	no data available	= 37 mg/L 48 h	N/A

Persistence and Degradability

No information available.

Bioaccumulation

No information available.

Mobility

No information available.

13. DISPOSAL CONSIDERATIONS

Product Disposal

Dispose of in accordance with local regulations.

Container Disposal

Empty containers should be taken for local recycling, recovery, or waste disposal

14. TRANSPORT INFORMATION

DOT
 Proper Shipping Name >119 Gals = Petroleum Distillates, n.o.s.
 Hazard Class 3
 UN-No UN1268
 Packing Group III
 Description UN1268, Petroleum Distillates, n.o.s.,3, PG III

TDG Not regulated

ICAO Not regulated

IATA Not regulated

IMDG/IMO Not regulated

15. REGULATORY INFORMATION

Inventories
 TSCA Complies
 DSL Complies

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40n of the Code of Federal Regulations, Part 372

SARA 311/312 Hazardous Categorization

Acute Health Hazard	Chronic Health Hazard	Fire Hazard	Sudden Release of Pressure Hazard	Reactive Hazard
Yes	Yes	Yes	No	No

CERCLA

Component	Hazardous Substances RQs	CERCLA EHS RQs
Petroleum distillates, hydrotreated light	Not applicable	Not applicable
Alcohols, C11-14, Iso-, C13 rich	Not applicable	Not applicable

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class

B3 Combustible liquid, D2B Toxic materials.



16. OTHER INFORMATION

Prepared By Dan Hollas
 Supercodes Date 06/01/2007
 Issuing Date 01/27/2011
 Reason for Revision No information available.
 Glossary No information available.
 List of References. No information available.

CERTIFIED LABS, DIV. OF NCH CORP.

assumes no responsibility for personal injury or property damage caused by the use, storage, or disposal of the product in a manner not recommended on the product label. Users assume all risks associated with such unrecommended use, storage or disposal of the product. The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

Safety Data Sheet

Roto-Xtend Duty Fluid

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/INSTITUTION

Product Code 0017 5201 20
Infosafe No. ACN5C GB/eng/C
Issued Date 11/07/2011
Product Type/Use Compressor oil.

Supplier

Atlas Copco Airpower nv
Boomssesteenweg 957
B-2610 Wilrijk
BELGIUM

Telephone Numbers**Emergency Tel.**

+32 3 870 21 11

Telephone/Fax Number

Please contact the nearest Atlas Copco Sales Company or for urgent matters the Medical Service of Atlas Copco Airpower in Belgium (+32 3 870 21 05)

2 HAZARDS IDENTIFICATION

EC Classification	Not classified as Dangerous under EC criteria.
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Human Health Hazards

No specific hazards under normal use conditions. Prolonged or repeated exposure may give rise to dermatitis. Used oil may contain harmful impurities.

Safety Hazards

Not classified as flammable, but will burn.

Environmental Hazards

Not classified as dangerous for the environment.

3 COMPOSITION INFORMATION ON INGREDIENTS

Preparation Description

Blend of polyolefins and additives.

Name	CAS	EINECS	Proportion	Hazard	R Phrase
Alkaryl amine	68411-46-1	270-128-1	1-5 %		R52/53
Dialkyl thiophosphate ester	268567-32-4		0.1-0.5 %	Xi	R41, R43, R52/53

Other Information

See Section 16 'Other Information' for full text of each relevant Risk Phrase.

4 FIRST AID MEASURES

Symptoms and Effects

Not expected to give rise to an acute hazard under normal conditions of use. May cause an allergic skin

reaction in sensitive individuals.

Inhalation

In the unlikely event of dizziness or nausea, remove casualty to fresh air. If symptoms persist, obtain medical attention.

Skin

Remove contaminated clothing and wash affected skin with soap and water. If persistent irritation occurs, obtain medical attention. When using high pressure equipment, injection of product under the skin can occur. If high pressure injuries occur, the casualty should be sent immediately to a hospital. Do not wait for symptoms to develop.

Eye

Flush eye with copious quantities of water. If persistent irritation occurs, obtain medical attention.

Ingestion

Wash out mouth with water and obtain medical attention. Do not induce vomiting.

Advice to Doctor

Treat symptomatically. Aspiration into the lungs may result in chemical pneumonitis. Dermatitis may result from prolonged or repeated exposure. High pressure injection injuries require prompt surgical intervention and possibly steroid therapy, to minimise tissue damage and loss of function.

Because entry wounds are small and may not reflect the seriousness of the underlying damage, surgical exploration to determine the extent of involvement may be necessary. Emesis of lubricants is not usually necessary, unless a large amount has been ingested, or some other compound has been dissolved in the product. If this is indicated, for example, when there is rapid onset of central nervous system depression from large ingested volume - gastric lavage under controlled hospital conditions, with full protection of the airway is required. Supportive care may include oxygen, arterial blood gas monitoring, respiratory support, and, if aspiration has occurred, treatment with corticosteroids and antibiotics. Seizures should be controlled with Diazepam, or appropriate equivalent drug.

5. FIRE FIGHTING MEASURES

Specific Hazards

Combustion is likely to give rise to a complex mixture of airborne solid and liquid particulates and gases, including carbon monoxide and unidentified organic and inorganic compounds.

Extinguishing Media

Foam and dry chemical powder. Carbon dioxide, sand or earth may be used for small fires only.

Unsuitable Extinguishing Media

Water in jet. Use of halon extinguishers should be avoided for environmental reasons.

Protective Equipment

Proper protective equipment including breathing apparatus must be worn when approaching a fire in a confined space.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Avoid contact with skin and eyes. Wear PVC, Neoprene or nitrile rubber gloves. Wear rubber knee length safety boots and PVC Jacket and Trousers. Wear safety glasses or full face shield if splashes are likely to occur.

Environmental Precautions

Prevent from spreading or entering into drains, ditches or rivers by using sand, earth, or other appropriate barriers. Inform local authorities if this cannot be prevented.

Clean-up Methods - Small Spillages

Absorb liquid with sand or earth. Sweep up and remove to a suitable, clearly marked container for disposal in accordance with local regulations.

Clean-up Methods - Large Spillages

Prevent from spreading by making a barrier with sand, earth or other containment material. Reclaim liquid

directly or in an absorbent. Dispose of as for small spills.

7. HANDLING AND STORAGE

Handling

Use local exhaust ventilation if there is risk of inhalation of vapours, mists or aerosols. Avoid prolonged or repeated contact with skin. When handling product in drums, safety footwear should be worn and proper handling equipment should be used. Prevent spillages. Cloth, paper and other materials that are used to absorb spills present a fire hazard. Avoid their accumulation by disposing of them safely and immediately. In addition to any specific recommendations given for controls of risks to health, safety and the environment, an assessment of risks must be made to help determine controls appropriate to local circumstances. Exposure to this product should be reduced as low as reasonably practicable. Reference should be made to the Health and Safety Executive's publication 'COSHH Essentials'.

Storage

Keep in a cool, dry, well-ventilated place. Use properly labelled and closeable containers. Avoid direct sunlight, heat sources, and strong oxidizing agents.

Storage Temperatures

0°C Minimum. 50°C Maximum.

Recommended Materials

For containers or container linings, use mild steel or high density polyethylene.

Unsuitable Materials

For containers or container linings, avoid PVC.

Other Information

Polyethylene containers should not be exposed to high temperatures because of possible risk of distortion.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Exposure Limits

No Exposure Limit Established

Exposure Controls

The use of personal protective equipment is only one aspect of an integrated approach to the Control Of Substances Hazardous to Health.

The management of Health and Safety at Work Regulations 1992 require employers to identify and evaluate the risks to health and to implement appropriate measures to eliminate or minimise those risks. The choice of personal protective equipment is highly dependent upon local conditions, e.g. exposure to other chemical substances and micro-organisms, thermal hazards (protection from extremes of cold and heat), electrical hazards, mechanical hazards and appropriate degree of manual dexterity required to undertake an activity. Whilst the content of this section may inform the choice of personal protective equipment used, the limitations of any information which can be provided must be fully understood, e.g. personal protective equipment chosen to protect employees from occasional splashes may be entirely inadequate for activities involving partial or complete immersion. If the levels of oil mist or vapour in air are likely to exceed the occupational exposure standards then consideration should be given to the use of local exhaust ventilation to reduce personal exposure.

The choice of personal protective equipment should only be undertaken in the light of a full risk assessment by a suitably qualified competent person (e.g. a professionally qualified occupational hygienist).

Effective protection is only achieved by correctly fitting and well maintained equipment and employers should ensure that appropriate training is given. All personal protective equipment should be regularly inspected and replaced if defective.

Respiratory Protection

Care should be taken to keep exposures below applicable occupational exposure limits. If this cannot be achieved, use of a respirator fitted with an organic vapour cartridge combined with a particulate pre-filter should be considered. Half masks (EN 149) or valved half masks (EN 405) in combination with type A2 (EN 141) and P2/3 (EN 143) pre-filters may be considered.

Hand Protection

Chemical protective gloves are made from a wide range of materials, but there is no single glove material (or combination of materials) which gives unlimited resistance to any individual or combination of substances or preparations. The extent of the breakthrough time will be affected by a combination of factors which include permeation, penetration, degradation, use pattern (full immersion, occasional contacts) and how the glove is stored when not in use.

Theoretical maximum levels of protection are seldom achieved in practice and the actual level of protection can be difficult to assess. Effective breakthrough time should be used with care and a margin of safety should be applied. HSE guidance on protective gloves recommends a 75% safety factor to be applied to any figures obtained in a laboratory test. Nitrile gloves may offer relatively long breakthrough times and slow permeation rates. Test data, e.g breakthrough data obtained through test standard EN374-3:1994 are available from reputable equipment suppliers.

Personal hygiene is a key element of effective hand care. Gloves must only be worn on clean hands. After using gloves, hands should be washed and dried thoroughly. A non perfumed moisturiser should be applied.

Eye Protection

Goggles conforming to a minimum standard of EN 166 345B should be considered if there is a possibility of eye contact with the product through splashing. Higher rated eye protection must be considered for highly hazardous operations or work areas. For example, employees involved in metalworking operations such as chipping, grinding or cutting may require additional protection to avert injury from fast moving particles or broken tools.

Body Protection

Minimise all forms of skin contact. Overalls and shoes with oil resistant soles should be worn. Launder overalls and undergarments regularly.

Environmental Exposure Controls

Minimise release to the environment. An environmental assessment must be made to ensure compliance with local environmental legislation.

9. PHYSICAL AND CHEMICAL PROPERTIES

Colour	Straw. Pale yellow.
Physical State	Liquid at ambient temperature.
Odour	Characteristic.
pH Value	Data not available.
Vapour Pressure	Expected to be less than 0.5 Pa at 20°C.
Initial Boiling Point	Data not available.
Solubility in Water	Negligible.
Density	circa 842 kg/m ³ at 15°C.
Flash Point	>230°C (COC).
Flammable Limits - Upper	10%(V/V) (typical).
Flammable Limits - Lower	1%(V/V) (typical).
Auto-ignition Temperature	Expected to be above 320°C.
Kinematic Viscosity	46 mm ² /s at 40°C.
Evaporation Rate	Data not available.
Vapour Density (Air=1)	Greater than 1.
Partition co-efficient, n-octanol/water	Log Pow expected to be greater than 6.
Pour Point	circa -60°C.

10. STABILITY AND REACTIVITY

Stability

Stable.

Conditions to Avoid

Extremes of temperature and direct sunlight.

Materials to Avoid

Strong oxidizing agents.

Hazardous Decomposition Products

Hazardous decomposition products are not expected to form during normal storage.

11. TOXICOLOGICAL INFORMATION

Basis for Assessment

Toxicological data have not been determined specifically for this product. Information given is based on a knowledge of the components and the toxicology of similar products.

Acute Toxicity - Oral

LD50 expected to be > 2000 mg/kg.

Acute Toxicity - Dermal

LD50 expected to be > 2000 mg/kg.

Acute Toxicity - Inhalation

Not considered to be an inhalation hazard under normal conditions of use.

Eye Irritation

Expected to be slightly irritating.

Skin Irritation

Expected to be slightly irritating.

Respiratory Irritation

If mists are inhaled, slight irritation of the respiratory tract may occur.

Skin Sensitisation

Not expected to be a skin sensitizer.

Carcinogenicity

Components are not known to be associated with carcinogenic effects.

Mutagenicity

Not considered to be a mutagenic hazard.

Reproductive Toxicity

Not considered to be toxic to reproduction.

Other Information

Prolonged and/or repeated contact with this product can result in defatting of the skin, particularly at elevated temperatures. This can lead to irritation and possibly dermatitis, especially under conditions of poor personal hygiene. Skin contact should be minimised. High pressure injection of product into the skin may lead to local necrosis if the product is not surgically removed. Used oils may contain harmful impurities that have accumulated during use. The concentration of such impurities will depend on use and they may present risks to health and the environment on disposal. ALL used oil should be handled with caution and skin contact avoided as far as possible.

12. ECOLOGICAL INFORMATION

Basis for Assessment

Ecotoxicological data have not been determined specifically for this product. Information given is based on a knowledge of the components and the ecotoxicology of similar products.

Mobility

Liquid under most environmental conditions. Floats on water. If it enters soil, it will adsorb to soil particles and will not be mobile.

Persistence / Degradability

Not expected to be readily biodegradable. Major constituents are expected to be inherently biodegradable, but the product contains components that may persist in the environment.

Bioaccumulation

Contains components with the potential to bioaccumulate.

Ecotoxicity

Poorly soluble mixture. May cause physical fouling of aquatic organisms. Product is expected to be practically non-toxic to aquatic organisms, LL/EL50 >100 mg/l. (LL/EL50 expressed as the nominal amount of product required to prepare aqueous test extract).

Other Adverse Effects

Not expected to have ozone depletion potential, photochemical ozone creation potential or global warming potential.

Product is a mixture of non-volatile components, which are not expected to be released to air in any significant quantities.

14. DISPOSAL INFORMATION

Waste Disposal

Recycle or dispose of in accordance with prevailing regulations, by a recognised collector or contractor. The competence of the contractor to deal satisfactorily with this type of product should be established beforehand. Do not pollute the soil, water or environment with the waste product.

Product Disposal

As for waste disposal.

Container Disposal

Recycle or dispose of in accordance with the legislation in force with a recognised collector or contractor.

15. TRANSPORT INFORMATION

Transport Information

Not dangerous for transport under ADR/RID, IMO and IATA/ICAO regulations.

ADR/RID Class

None Allocated

ADR/RID Packing Group

None Allocated

IMDG Hazard Class

None Allocated

IMDG Packing Group

None Allocated

IATA Hazard Class

None Allocated

IATA Packing Group

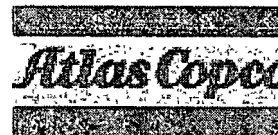
None Allocated

16. REGULATORY INFORMATION

EC Symbols	None.
EC Risk Phrase	Not classified.
EC Safety Phrase	Not classified.
EINECS	One component listed in ELINCS. All other components listed in EINECS or polymer exempt.
TSCA (USA)	All components in compliance.

National Legislation

Environmental Protection Act 1990 (as amended).



Health and Safety at Work Act 1974

Consumers Protection Act 1987

Control of Pollution Act 1974

Environmental Act 1995

Factories Act 1961

Carriage of Dangerous Goods by Road and Rail (Classification, Packaging and Labelling) Regulations

Chemicals (Hazard Information and Packaging for Supply) Regulations 2002.

Control of Substances Hazardous to Health Regulations 1994 (as amended).

Road Traffic (Carriage of Dangerous Substances in Packages) Regulations

Merchant Shipping (Dangerous Goods and Marine Pollutants) Regulations

Road Traffic (Carriage of Dangerous Substances in Road Tankers in Tank Containers) Regulations

Road Traffic (Training of Drivers of Vehicles Carrying Dangerous Goods) Regulations

Reporting of Injuries, Diseases and Dangerous Occurrences Regulations

Health and Safety (First Aid) Regulations 1981

Personal Protective Equipment (EC Directive) Regulations 1992

Personal Protective Equipment at Work Regulations 1992

Packaging & Labelling

Contains dialkyl thiophosphate ester. May produce an allergic reaction. Safety data sheet available for professional user on request.

16. OTHER INFORMATION

Revisions Highlighted

To assist harmonisation of sds authoring practices, a version number has been introduced.

References

European Model Code of Safe Practice in the Storage and Handling of Petroleum Products. EN 374-2:1994

Protective gloves against chemicals and micro-organisms

EN 149:2001 Respiratory protective devices - filtering half masks to protect against particles - requirements, testing, marking

EN 405:1992 Respiratory protective devices - valved filtering half masks to protect against gases or gases and particles - requirements, testing, marking.

EN 141:2000 Respiratory protective devices - gas filters and combined filters - requirements, testing, marking

EN 143:2000 Respiratory protective devices - particle filters - requirements, testing, marking

EN 166:1995 Personal eye-protection - specification.

Restrictions

This product must not be used in applications other than those recommended without first seeking the advice of the supplier.

List of R Phrases in Section 3

R41 Risk of serious damage to eyes.

R43 May cause sensitization by skin contact.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Further Information

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It does not constitute a guarantee for any specific property of the product.

... End Of SDS ...



Material Safety Data Sheet

Sika Aktivator UH-2 LUM

1. Product and company identification

Product name : Sika Aktivator UH-2 LUM
Supplier : Sika Corporation, Automotive
30800 Stephenson Highway
Madison Heights, MI 48071
www.sikaautomotive.com
Telephone no. : (248) 577 - 0020
Fax no. : (248) 577 - 0810
In case of emergency : CHEMTREC: 800-424-9300
INTERNATIONAL: 703-527-3887
Manufacturer : Sika Corporation, Operations
201 Polito Avenue
Lyndhurst, NJ 07071
www.sikacorp.com
Telephone no. : (201) 933 - 8800
Validation date : 8. January 2010.
Print date : 8. January 2010.
Product type : Liquid.

2. Composition/information on ingredients

<u>Name</u>	<u>CAS number</u>	<u>%</u>
methyl acetate	79-20-9	60 - 100

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

3. Hazards identification

OSHA/HCS status : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Potential acute health effects

Inhalation : Irritating to respiratory system.
Ingestion : Harmful if swallowed. Aspiration hazard if swallowed. Can enter lungs and cause damage.
Skin : Irritating to skin.
Eyes : Irritating to eyes.

See toxicological information (section 11)

4. First aid measures

Eye contact : Check for and remove any contact lenses. Get medical attention. Immediately flush eyes with plenty of water for at least 15 minutes.
Skin contact : Get medical attention immediately. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Wash clothing before reuse.
Inhalation : Get medical attention immediately. Move exposed person to fresh air. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Maintain an open airway.

4 . First aid measures

- Ingestion** : Get medical attention immediately. Wash out mouth with water. Move exposed person to fresh air. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.
- Notes to physician** : No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

5 . Fire-fighting measures

- Flammability of the product** : Extremely flammable liquid. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Runoff to sewer may create fire or explosion hazard.

Extinguishing media

- Suitable** : Use dry chemical, CO₂, water spray (fog) or foam.
- Not suitable** : Do not use water jet.
- Special exposure hazards** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
- Hazardous combustion products** : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
sulfur oxides
metal oxide/oxides
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6 . Accidental release measures

- Personal precautions** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see section 8).
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
- Large spill** : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see section 1 for emergency contact information and section 13 for waste disposal.
- Small spill** : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor.

7. Handling and storage

- Handling** : Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use non-sparking tools. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Storage** : Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

8. Exposure controls/personal protection

Product name

methyl acetate

Exposure limits

ACGIH TLV (United States, 1/2009).STEL: 757 mg/m³ 15 minute(s).

STEL: 250 ppm 15 minute(s).

TWA: 606 mg/m³ 8 hour(s).

TWA: 200 ppm 8 hour(s).

NIOSH REL (United States, 6/2008).STEL: 760 mg/m³ 15 minute(s).

STEL: 250 ppm 15 minute(s).

TWA: 610 mg/m³ 10 hour(s).

TWA: 200 ppm 10 hour(s).

OSHA PEL (United States, 11/2006).TWA: 610 mg/m³ 8 hour(s).

TWA: 200 ppm 8 hour(s).

OSHA PEL 1989 (United States, 3/1989).STEL: 760 mg/m³ 15 minute(s).

STEL: 250 ppm 15 minute(s).

TWA: 610 mg/m³ 8 hour(s).

TWA: 200 ppm 8 hour(s).

- Engineering measures** : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.
- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Personal protection

8 . Exposure controls/personal protection

- | | |
|--------------------|---|
| Respiratory | : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. |
| Hands | : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. |
| Eyes | : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts. |
| Skin | : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. |

9 . Physical and chemical properties

- | | |
|-----------------------------------|-----------------------------|
| Flash point | : Closed cup: -13°C (8.6°F) |
| Auto-ignition temperature | : 501°C (933.8°F) |
| Color | : Colorless. |
| Odor | : Pleasant. |
| Boiling/condensation point | : 55.8°C (132.4°F) |
| Density | : ~0.94 g/cm ³ |
| Vapor pressure | : 23.8 kPa (178.3 mm Hg) |
| VOC | : 0.938 g/l |

10 . Stability and reactivity

- | | |
|---|---|
| Stability | : The product is stable. |
| Conditions to avoid | : Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. |
| Materials to avoid | : Highly reactive or incompatible with the following materials:
oxidizing materials |
| Hazardous decomposition products | : Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| Hazardous polymerization | : Under normal conditions of storage and use, hazardous polymerization will not occur. |

11 . Toxicological information

Potential chronic health effects

- | | |
|------------------------|---|
| Chronic effects | : High vapor concentrations can cause headaches, dizziness, drowsiness and nausea and may lead to unconsciousness. Reports have associated repeated and prolonged exposure to some of the chemicals in this product with permanent brain, liver, kidney and nervous system damage. Intentional misuse by deliberate concentration and inhalation of vapors may be harmful or fatal. |
|------------------------|---|

Acute toxicity

- | | |
|---------------------------|------------------|
| Conclusion/Summary | : Not available. |
|---------------------------|------------------|

12 . Ecological information

Environmental effects : No known significant effects or critical hazards.

13 . Disposal considerations

Waste disposal : The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

14 . Transport information

Regulatory information	UN number	Proper shipping name	Classes	PG*	Additional information
DOT Classification	UN1231	Methyl acetate	3	II	-
TDG Classification	UN1231	Methyl acetate	3	II	-
ADR/RID Class	UN1231	Methyl acetate	3	II	-
IMDG Class	UN1231	Methyl acetate	3	II	<u>Emergency schedules (EmS)</u> F-E, S-D
IATA-DGR Class	UN1231	Methyl acetate	3	II	-

PG* : Packing group

15 . Regulatory information

U.S. Federal regulations : TSCA 4(a) final test rules: methyl acetate
TSCA 8(a) PAIR: methyl acetate
United States inventory (TSCA 8b): All components are listed or exempted.
TSCA 12(b) one-time export: methyl acetate
SARA 302/304/311/312 extremely hazardous substances: No products were found.
SARA 302/304 emergency planning and notification: No products were found.
SARA 302/304/311/312 hazardous chemicals: methyl acetate
SARA 311/312 MSDS distribution - chemical inventory - hazard identification:
METHYL ACETATE: Immediate (acute) health hazard, Delayed (chronic) health hazard

State regulations : **Massachusetts Substances:** The following components are listed:
METHYL ACETATE
New Jersey Hazardous Substances: The following components are listed:
METHYL ACETATE
Pennsylvania RTK Hazardous Substances: The following components are listed:
ACETIC ACID, METHYL ESTER

United States inventory (TSCA 8b) : All components are listed or exempted.

16 . Other information

Hazardous Material
Information System (U.S.A.) :

Health	2
Flammability	3
Physical hazards	1
Personal Protection Equipment	D

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

Date of printing : 08.01.2010.
Date of issue : 08.01.2010.
Date of previous issue : No previous validation.
Version : 1.03

☒ Indicates information that has changed from previously issued version.

Notice to reader

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All sales of Sika products are subject to its current terms and conditions of sale available at www.sikacorp.com or 201-933-8800.



Material Safety Data Sheet

Sika® Primer-206 G+P

1. Product and company identification

Product name : Sika® Primer-206 G+P
Supplier : Sika Corporation, Industry
30800 Stephenson Highway
Madison Heights, MI 48071
www.sikaindustry.com
Telephone no. : (888) 832 - 7452
Fax no. : (248) 577 - 0810
In case of emergency : CHEMTREC: 800-424-9300
INTERNATIONAL: 703-527-3887
Manufacturer : Sika Schweiz AG
Tüffenwies 16
CH-8048 Zürich
Schweiz
Telephone no. : +41 58 436 40 40
Validation date : 9. March 2010.
Print date : 9. March 2010.
Product type : Liquid.

2. Composition/information on ingredients

<u>Name</u>	<u>CAS number</u>	<u>%</u>
Ethyl acetate	141-78-6	30 - 60
HDI Homopolymer	28182-81-2	5 - 10
poly(isophorone diisocyanate)	53880-05-0	3 - 7
tris(p-isocyanatophenyl) thiophosphate	4151-51-3	3 - 7
n-butyl acetate	123-86-4	1 - 5
Glycol Ether PM Acetate	108-65-6	0.5 - 1.5

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

3. Hazards identification

OSHA/HCS status : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Potential acute health effects

Inhalation : Severely irritating to the respiratory system. May cause sensitization by inhalation. Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
Ingestion : Harmful if swallowed.
Skin : Irritating to skin. May cause sensitization by skin contact.
Eyes : Irritating to eyes.

See toxicological information (section 11)

4. First aid measures

- Eye contact** : Immediately flush eyes with plenty of water for at least 15 minutes. Check for and remove any contact lenses. Get medical attention.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse.
- Inhalation** : Move exposed person to fresh air. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. Maintain an open airway. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. In the event of any complaints or symptoms, avoid further exposure.
- Ingestion** : Wash out mouth with water. Move exposed person to fresh air. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention. Never give anything by mouth to an unconscious person.
- Notes to physician** : In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

5. Fire-fighting measures

- Flammability of the product** : Flammable liquid. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Runoff to sewer may create fire or explosion hazard.
- Extinguishing media**
- Suitable** : Use dry chemical, CO₂, water spray (fog) or foam.
- Not suitable** : Do not use water jet.
- Special exposure hazards** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
- Hazardous combustion products** : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
nitrogen oxides
sulfur oxides
phosphorus oxides
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental release measures

- Personal precautions** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see section 8).
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6. Accidental release measures

- Large spill** : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see section 1 for emergency contact information and section 13 for waste disposal.
- Small spill** : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container. Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor.

7. Handling and storage

- Handling** : Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Persons with a history of skin sensitization problems or asthma, allergies or chronic or recurrent respiratory disease should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use non-sparking tools. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Storage** : Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

8. Exposure controls/personal protection

Product name

ethyl acetate

Exposure limits

ACGIH TLV (United States, 1/2007). Notes: 1996 Adoption Refers to Appendix A – Carcinogens.

TWA: 1440 mg/m³ 8 hour(s).

TWA: 400 ppm 8 hour(s).

NIOSH REL (United States, 12/2001).

TWA: 1400 mg/m³ 10 hour(s).

TWA: 400 ppm 10 hour(s).

OSHA PEL (United States, 11/2006).

TWA: 1400 mg/m³ 8 hour(s).

8 . Exposure controls/personal protection

n-butyl acetate	TWA: 400 ppm 8 hour(s).
	OSHA PEL 1989 (United States, 3/1989).
	TWA: 1400 mg/m ³ 8 hour(s).
	TWA: 400 ppm 8 hour(s).
	OSHA PEL 1989 (United States, 3/1989).
	TWA: 150 ppm 8 hour(s).
	TWA: 710 mg/m ³ 8 hour(s).
	STEL: 200 ppm 15 minute(s).
	STEL: 950 mg/m ³ 15 minute(s).
	NIOSH REL (United States, 12/2001).
2-methoxy-1-methylethyl acetate	TWA: 150 ppm 10 hour(s).
	TWA: 710 mg/m ³ 10 hour(s).
	STEL: 200 ppm 15 minute(s).
	STEL: 950 mg/m ³ 15 minute(s).
	ACGIH TLV (United States, 1/2008).
	TWA: 150 ppm 8 hour(s).
	STEL: 200 ppm 15 minute(s).
	OSHA PEL (United States, 11/2006).
	TWA: 150 ppm 8 hour(s).
	TWA: 710 mg/m ³ 8 hour(s).
	AIHA WEEL (United States, 1/2007).
	TWA: 50 ppm 8 hour(s).

- Engineering measures** : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.
- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Personal protection

- Respiratory** : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
- Hands** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
- Eyes** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.
- Skin** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

9 . Physical and chemical properties

Physical state	: Liquid.
Flash point	: Closed cup: -4°C (24.8°F)
Color	: Black.
Odor	: Pleasant, ester-like.
pH	: 7
Boiling/condensation point	: >77°C (>170.6°F)
Density	: ~1.05 g/cm ³ [20°C (68°F)]
Solubility	: Insoluble in the following materials: cold water.

10 . Stability and reactivity

Stability	: The product is stable.
Conditions to avoid	: Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.
Materials to avoid	: Reactive or incompatible with the following materials: oxidizing materials
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Hazardous polymerization	: Under normal conditions of storage and use, hazardous polymerization will not occur.

11 . Toxicological information

Potential chronic health effects

Chronic effects	: <input checked="" type="checkbox"/> Contains material that may cause target organ damage, based on animal data. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels. Reports have associated repeated and prolonged exposure to some of the chemicals in this product with permanent brain, liver, kidney and nervous system damage. Intentional misuse by deliberate concentration and inhalation of vapors may be harmful or fatal.
Carcinogenicity	: Contains material which may cause cancer, based on animal data. Risk of cancer depends on duration and level of exposure.

Acute toxicity

Conclusion/Summary	: Not available.
--------------------	------------------

Carcinogenicity

Classification

Product/ingredient name	ACGIH	IARC	EPA	NIOSH	NTP	OSHA
ethyl acetate	A4	-	-	-	-	-
Carbon black	A4	2B	-	+	-	-

12 . Ecological information

Environmental effects	: No known significant effects or critical hazards.
-----------------------	---

13 . Disposal considerations

Waste disposal	: The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
----------------	---

13 . Disposal considerations

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

14 . Transport information

Regulatory information	UN number	Proper shipping name	Classes	PG*	Additional information
DOT Classification	UN1866	Resin solution	3	II	-
TDG Classification	UN1866	Resin solution	3	II	-
ADR/RID Class	UN1866	Resin solution	3	II	-
IMDG Class	UN1866	Resin solution	3	II	Emergency schedules (EmS) F-E, S-E
IATA-DGR Class	UN1866	Resin solution	3	II	-

PG* : Packing group

15 . Regulatory information

U.S. Federal regulations : ☒ United States inventory (TSCA 8b): All components are listed or exempted.

SARA 302/304/311/312 extremely hazardous substances: No products were found.

SARA 302/304 emergency planning and notification: No products were found.

SARA 302/304/311/312 hazardous chemicals: ethyl acetate; n-butyl acetate; 2-methoxy-1-methylethyl acetate; Carbon black

SARA 311/312 MSDS distribution - chemical inventory - hazard identification: ethyl acetate: Fire hazard, Immediate (acute) health hazard, Delayed (chronic) health hazard; n-butyl acetate: Fire hazard, Immediate (acute) health hazard, Delayed (chronic) health hazard; 2-methoxy-1-methylethyl acetate: Fire hazard; Carbon black: Immediate (acute) health hazard, Delayed (chronic) health hazard

Clean Water Act (CWA) 307: chlorobenzene; ethylbenzene

Clean Water Act (CWA) 311: n-butyl acetate; chlorobenzene; xylene; ethylbenzene

Clean Air Act (CAA) 112 accidental release prevention: m-tolylidene diisocyanate

Clean Air Act (CAA) 112 regulated flammable substances: No products were found.

Clean Air Act (CAA) 112 regulated toxic substances: m-tolylidene diisocyanate

SARA 313

	<u>Product name</u>	<u>CAS number</u>	<u>Concentration</u>
Form R - Reporting requirements	: ethylbenzene	100-41-4	<1

SARA 313 notifications must not be detached from the MSDS and any copying and redistribution of the MSDS shall include copying and redistribution of the notice attached to copies of the MSDS subsequently redistributed.

State regulations : **Massachusetts Substances:**

The following components are listed:
ETHYL ACETATE; BUTYL ACETATE;
CARBON BLACK

New Jersey Hazardous Substances:

The following components are listed:
ETHYL ACETATE; ETHYL
BENZENE; n-BUTYL ACETATE;
CARBON BLACK

15 . Regulatory information

New York Acutely Hazardous Substances:

The following components are listed:
Ethyl acetate; Ethylbenzene; Butyl acetate

Pennsylvania RTK Hazardous Substances:

The following components are listed:
ACETIC ACID ETHYL ESTER;
BENZENE, ETHYL-; ACETIC ACID,
BUTYL ESTER; CARBON BLACK

California Prop. 65

WARNING: This product contains a chemical known to the State of California to cause cancer.

<u>Ingredient name</u>	<u>Cancer</u>	<u>Reproductive</u>	<u>No significant risk level</u>	<u>Maximum acceptable dosage level</u>
Carbon black	Yes.	No.	No.	No.
ethylbenzene	Yes.	No.	No.	No.
m-tolylidene diisocyanate	Yes.	No.	Yes.	No.
United States inventory (TSCA 8b)	: All components are listed or exempted.			

16 . Other information

Hazardous Material
Information System (U.S.A.) :

Health	*	2
Flammability		3
Physical hazards		0
Personal Protection Equipment		H

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The customer is responsible for determining the PPE code for this material.

Date of printing : 09.03.2010.
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☑ Indicates information that has changed from previously issued version.

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16 . Other information

OTHERS.

All sales of Sika products are subject to its current terms and conditions of sale available at www.sikacorp.com or 201-933-8800.



MATERIAL SAFETY DATA SHEET

SIKATAK ULTRAFast II

HMIS

HEALTH	2
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	C

1. Product And Company Identification

Supplier

Sika Corporation
201 Polito Ave
Lyndhurst, NJ 07071

Company Contact: EHS Department
Telephone Number: 201-933-8800
FAX Number: 201-933-9379
Web Site: www.sikausa.com

Manufacturer

Sika Corporation
30800 Stephenson Highway
Madison Heights, MI 48071 U.S.A.

Company Contact: EHS Department
Telephone Number: 201-933-8800
FAX Number: 201-933-9379
Web Site: www.sikaindustry.com

Supplier Emergency Contacts & Phone Number

CHEMTREC: 800-424-9300
INTERNATIONAL: 703-527-3887

Manufacturer Emergency Contacts & Phone Number

CHEMTREC: 800-424-9300
INTERNATIONAL: 703-527-3887

Issue Date: 05/07/2001

Product Name: SIKATAK ULTRAFast II
CAS Number: Not Established
Chemical Family: POLYURETHANE
MSDS Number: 1733
Product Code: 269-000

2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
POLYISOCYANATE PREPOLYMER	Trade Secret	

3. Hazards Identification

Eye Hazards

EYE IRRITANT.

Skin Hazards

MAY CAUSE SKIN IRRITATION. PROLONGED AND/OR REPEATED CONTACT WITH SKIN MAY CAUSE AN ALLERGIC REACTION/SENSITIZATION.

Ingestion Hazards

MAY CAUSE EFFECTS TO THE GI TRACT, USUALLY RESULTING FROM INGESTION OF THE MATERIALS, SUCH AS IRRITATION, NAUSEA, GI DISORDERS, ULCERATION, DIARRHEA OR CONSTIPATION.

MATERIAL SAFETY DATA SHEET

SIKATAK ULTRAFast II

3. Hazards Identification - Continued

Inhalation Hazards

MAY CAUSE RESPIRATORY TRACT IRRITATION. MAY CAUSE RESPIRATORY SENSITIZATION.

4. First Aid Measures

Eye

RINSE EYES THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES. CONSULT PHYSICIAN.

Skin

WASH SKIN THOROUGHLY WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING.
IF SYMPTOMS PERSIST CONSULT PHYSICIAN.

Ingestion

DILUTE WITH WATER. CONTACT PHYSICIAN.

Inhalation

REMOVE TO FRESH AIR. IF BREATHING HAS STOPPED, INSTITUTE ARTIFICIAL RESPIRATION. CONSULT WITH PHYSICIAN.

5. Fire Fighting Measures

Flash Point: >200 °F

Autoignition Point: N/AV °F

Fire And Explosion Hazards

DURING A FIRE, IRRITATING AND/OR TOXIC GASES AND AEROSOLS FROM THE
DECOMPOSITION/COMBUSTION PRODUCTS MAY BE PRESENT.

Extinguishing Media

In case of fire, use water spray (fog) foam, dry chemical, or CO2.

Fire Fighting Instructions

Firefighters should wear self-contained breathing apparatus and full protective gear.

6. Accidental Release Measures

AVOID CONTACT. VENTILATE AREA. REMOVE PHYSICALLY AND PLACE IN SUITABLE CONTAINERS.

7. Handling And Storage

Handling And Storage Precautions

KEEP AWAY FROM HEAT. STORE IN TIGHTLY CLOSED CONTAINER AND PROTECT FROM MOISTURE
AND FOREIGN MATERIAL. STORAGE TEMPERATURE 32F MINIMUM - 122F MAXIMUM. IF MOISTURE
ENTERS DRUM, PRESSURE BUILD UP MAY OCCUR DUE TO REACTION. AT MAXIMUM STORAGE
TEMPERATURE NOTED, MATERIAL MAY POLYMERIZE WITHOUT HAZARD. IDEAL STORAGE
TEMPERATURE IS 50-81F.

Handling Precautions

Use only with ventilation sufficient to reduce potential exposures (air borne levels of dust, fumes, vapors, etc.) to
below recommended exposure limits.

Work/Hygienic Practices

Wash thoroughly with soap and water after handling.

8. Exposure Controls/Personal Protection

Engineering Controls

Use with adequate general and local exhaust ventilation.

MATERIAL SAFETY DATA SHEET

SIKATAK ULTRAFast II

8. Exposure Controls/Personal Protection - Continued

Eye/Face Protection

Safety glasses with side shields or goggles.

Skin Protection

AVOID SKIN CONTACT. WEAR LONG SLEEVE SHIRT AND LONG PANTS. CHEMICAL RESISTANT GLOVES.

Respiratory Protection

In areas where the P.E.L.s are exceeded, use a properly fitted NIOSH-approved respirator.

Other/General Protection

WASH THOROUGHLY AFTER HANDLING.

9. Physical And Chemical Properties

Appearance

BLACK PASTE (SOLID)

Odor

MILD

Chemical Type: Mixture

Physical State: Solid

Melting Point: N/AV °F

Boiling Point: N/AV °F

Specific Gravity: 1.15

Percent Volatiles: NONE

Percent VOCs: 0.19

Packing Density: N/AV

Vapor Pressure: N/AV

Vapor Density: N/AV

Solubility: REACTS WITH WATER

Evaporation Rate: N/AV

V.O.C. - 2.22 g/L

10. Stability And Reactivity

Stability: STABLE

Hazardous Polymerization: WILL NOT OCCUR

Conditions To Avoid (Stability)

OPEN FLAME

Incompatible Materials

WATER, ALCOHOL, AMINES

Hazardous Decomposition Products

CO, CO₂, OXIDES OF NITROGEN

Conditions To Avoid (Polymerization)

NONE KNOWN

11. Toxicological Information

Conditions Aggravated By Exposure

EYE DISEASE, SKIN DISORDERS AND ALLERGIES, CHRONIC RESPIRATORY CONDITIONS

MATERIAL SAFETY DATA SHEET

SIKATAK ULTRAFast II

12. Ecological Information

No Data Available...

13. Disposal Considerations

Dispose in accordance with applicable federal, state and local government regulations.

14. Transport Information

Proper Shipping Name

NOT REGULATED UNDER D.O.T.

15. Regulatory Information

U.S. Regulatory Information

All ingredients of this product are listed or are excluded from listing under the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

SARA Hazard Classes

Acute Health Hazard
Chronic Health Hazard

SARA Section 313 Notification

This product does not contain any ingredients regulated under Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 or 40 CFR 372.

16. Other Information

HMIS Rating

Health: 2

Fire: 1

Reactivity: 0

PPE: C

Disclaimer

The data in this Material Safety Data Sheet relates only to the specific material herein and does not relate to use in combination with any other material or in any process. The information set forth herein is based on technical data that Sika believes to be reliable as of the date hereof. Since conditions of use are outside our control, we make no warranties, express or implied and assume no liability in connection with any use of this information. Nothing herein is to be taken as a license to operate under or a recommendation to infringe any patents.

SIKA CORPORATION

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MATERIAL SAFETY DATA SHEET

MSDS NUMBER ▶

10,080-13

PAGE 1

97368 (4-85)

24 HOUR EMERGENCY ASSISTANCE			GENERAL MSDS ASSISTANCE		
SHELL: 713-473-9461 CHEMTREC: 800-424-9300			SHELL: 713-241-4819		
ACUTE HEALTH + 3	FIRE 4	REACTIVITY 0	HAZARD RATING LEAST - 0 SLIGHT - 1 MODERATE - 2 HIGH - 3 EXTREME - 4		
*For acute and chronic health effects refer to the discussion in Section III					

BE SAFEREAD OUR PRODUCT
SAFETY INFORMATION
...AND
PASS IT ON(PRODUCT LIABILITY LAW
REQUIRES IT)

SECTION I	NAME
PRODUCT ▶	SHELL SOL BT 67W EC
CHEMICAL NAME ▶	MIXTURE
CHEMICAL FAMILY ▶	HYDROCARBON SOLVENT
SHELL CODE ▶	83241

SECTION II-A**PRODUCT/INGREDIENT**

NO.	COMPOSITION	CAS NUMBER	PERCENT
P	SHELL SOL BT 67W EC*	MIXTURE	100
1	SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPHATIC	64742-89-8	91
2	TOLUENE	108-88-3	9
	CONTAINS:		
1A	N-HEXANE	110-54-3	3-3.5
1B	2-METHYL PENTANE	107-83-5	2-3
1C	3-METHYL PENTANE	96-14-0	2

*A COMPLEX MIXTURE OF C5 TO C9 HYDROCARBONS; EXACT COMPOSITION WILL VARY.

HMIS HAZARD RATING: HEALTH 1 FIRE 3 REACTIVITY 0

SECTION II-B**ACUTE TOXICITY DATA**

NO.	ACUTE ORAL LD50	ACUTE DERMAL LD50	ACUTE INHALATION LC50
P	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE
1*	>25 ML/KG (RAT)	>5 ML/KG (RABBIT)	>14,000 PPM/4H (RAT)
1A	28.7 G/KG (RAT)	N/A	77,000 PPM/1H (RAT)
2	5 G/KG (RAT)	14 G/KG (RABBIT)	8000 PPM/4H (RAT)

*BASED UPON ESSENTIALLY SIMILAR PRODUCTS.

SECTION III**HEALTH INFORMATION**

THE HEALTH EFFECTS NOTED BELOW ARE CONSISTENT WITH REQUIREMENTS UNDER THE OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200).

EYE CONTACT

BASED ON THE PRESENCE OF COMPONENT 2, LIQUID IS PRESUMED TO BE MODERATELY IRRITATING TO THE EYES. HIGH VAPOR CONCENTRATIONS MAY BE IRRITATING.

SKIN CONTACT

LIQUID IS MILDLY IRRITATING TO THE SKIN. PROLONGED OR REPEATED LIQUID CONTACT CAN RESULT IN DEFATTING AND DRYING OF THE SKIN WHICH MAY RESULT IN SKIN IRRITATION AND DERMATITIS.

INHALATION

VAPOR MAY BE IRRITATING TO THE NOSE, THROAT AND RESPIRATORY TRACT. HIGH VAPOR CONCENTRATIONS MAY PRODUCE CENTRAL NERVOUS SYSTEM (CNS) DEPRESSION. PROLONGED AND REPEATED INHALATION OF N-HEXANE (A COMPONENT OF THIS PRODUCT) MAY PRODUCE PERIPHERAL NERVE DAMAGE.

INGESTION

INGESTION OF PRODUCT MAY RESULT IN VOMITING; ASPIRATION (BREATHING) OF VOMITUS INTO THE LUNGS MUST BE AVOIDED AS EVEN SMALL QUANTITIES MAY RESULT IN ASPIRATION PNEUMONITIS.

SIGNS AND SYMPTOMS

IRRITATION AS NOTED ABOVE. EARLY TO MODERATE CNS DEPRESSION MAY BE EVIDENCED BY GIDDINESS, HEADACHE, DIZZINESS AND NAUSEA; IN EXTREME CASES, UNCONSCIOUSNESS MAY OCCUR. ASPIRATION PNEUMONITIS MAY BE EVIDENCED BY COUGHING, LABORED BREATHING AND CYANOSIS (BLUISH SKIN); IN SEVERE CASES DEATH MAY OCCUR. PERIPHERAL NERVE DAMAGE MAY BE EVIDENCED BY MUSCULAR WEAKNESS AND LOSS OF SENSATION IN THE ARMS AND LEGS.

AGGRAVATED MEDICAL CONDITIONS

PREEXISTING EYE, SKIN, AND RESPIRATORY DISORDERS, OR PREEXISTING IMPAIRED PERIPHERAL NERVE FUNCTION MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

OTHER HEALTH EFFECTS

INTENTIONAL ABUSE, MISUSE OR OTHER MASSIVE EXPOSURE TO TOLUENE MAY CAUSE MULTIPLE ORGAN DAMAGE AND/OR DEATH.

SEE SECTION VI FOR SUPPLEMENTAL INFORMATION.

SECTION IV OCCUPATIONAL EXPOSURE LIMITS

NO.	OSHA PEL/TWA	PEL/CEILING	TLV/TWA	ACGIH TLV/STEL	OTHER
P	NOT ESTABLISHED				
1*	400 PPM		400 PPM		
2	100 PPM		50 PPM (SKIN)		150 PPM**
1A	50 PPM		50 PPM		

*EXPOSURE LIMITS FOR RUBBER SOLVENT RECOMMENDED AS A GUIDE ONLY.

**OSHA PEL/STEL.

SECTION V EMERGENCY AND FIRST AID PROCEDURES**EYE CONTACT**

FLUSH EYES WITH PLENTY OF WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION.

SKIN CONTACT

REMOVE CONTAMINATED CLOTHING/SHOES. FLUSH SKIN WITH WATER. FOLLOW BY WASHING WITH SOAP AND WATER. IF IRRITATION OCCURS, GET MEDICAL ATTENTION. DO NOT REUSE CLOTHING UNTIL CLEANED.

INHALATION

REMOVE VICTIM TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. GET MEDICAL ATTENTION.

INGESTION

DO NOT INDUCE VOMITING. IF VOMITING OCCURS SPONTANEOUSLY, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO THE LUNGS. GET MEDICAL ATTENTION.*

NOTE TO PHYSICIAN

*IF MORE THAN 2.0 ML PER KG HAS BEEN INGESTED AND VOMITING HAS NOT OCCURRED, EMESIS SHOULD BE INDUCED WITH SUPERVISION. KEEP VICTIM'S HEAD BELOW HIPS TO PREVENT ASPIRATION. IF SYMPTOMS SUCH AS LOSS OF GAG REFLEX, CONVULSIONS OR UNCONSCIOUSNESS OCCUR BEFORE EMESIS, GASTRIC LAVAGE USING A CUFFED ENDOTRACHEAL TUBE SHOULD BE CONSIDERED.

SECTION VI

SUPPLEMENTAL HEALTH INFORMATION

WHILE THERE IS NO EVIDENCE THAT INDUSTRIALLY ACCEPTABLE LEVELS OF TOLUENE VAPORS (E.G., THE TLV) HAVE PRODUCED CARDIAC EFFECTS IN HUMANS, ANIMAL STUDIES HAVE SHOWN THAT INHALATION OF HIGH LEVELS OF TOLUENE PRODUCED CARDIAC SENSITIZATION. SUCH SENSITIZATION MAY CAUSE FATAL CHANGES IN HEART RHYTHMS. THIS LATTER EFFECT WAS SHOWN TO BE ENHANCED BY HYPOXIA OR THE INJECTION OF ADRENALIN-LIKE AGENTS. PROLONGED AND REPEATED EXPOSURES TO HIGH CONCENTRATIONS OF TOLUENE (MIXED SOLVENT) HAVE RESULTED IN HEARING LOSS IN LABORATORY RATS. THE EFFECTS OF SOLVENTS ON HUMAN HEARING ARE UNCERTAIN. SOLVENT ABUSERS AND NOISE INTERACTION WITH TOLUENE (MIXED SOLVENT) IN THE WORK ENVIRONMENT MAY CAUSE SIGNS OF HEARING LOSS.

TOLUENE IS NOT KNOWN TO BE MUTAGENIC OR CARCINOGENIC. HOWEVER, THE AVAILABLE HUMAN AND EXPERIMENTAL DATA ARE LIMITED AND INSUFFICIENT TO ASSESS CARCINOGENIC POTENTIAL. TOLUENE IS NOT LISTED AS A CARCINOGEN BY NTP, IARC OR OSHA. INTENTIONAL ABUSE OF TOLUENE VAPORS HAS BEEN LINKED TO DAMAGE OF BRAIN, LIVER, KIDNEY AND TO DEATH. MANY CASE STUDIES INVOLVING ABUSE DURING PREGNANCY CLEARLY INDICATE THAT TOLUENE IS A DEVELOPMENTAL TOXICANT. DEVELOPMENTAL TOXIC EFFECTS COMPARABLE TO THOSE OBSERVED IN HUMANS HAVE BEEN SEEN IN LAB ANIMALS BUT THE EFFECTS WERE GENERALLY ASSOCIATED WITH MATERNAL TOXICITY.

THIS PRODUCT MAY CONTAIN CERTAIN ISOPARAFFINS THAT HAVE BEEN DEMONSTRATED TO CAUSE KIDNEY DAMAGE IN MALE RATS. THE RELEVANCE OF THESE EFFECTS TO MAN IS UNKNOWN.

STUDIES ON N-HEXANE IN LABORATORY ANIMALS HAVE SHOWN MILO, TRANSITORY EFFECTS ON THE SPLEEN AND BLOOD (WHITE BLOOD CELLS), AND EVIDENCE OF LUNG DAMAGE. IN ADDITION, FETOTOXICITY HAS BEEN DEMONSTRATED AT LEVELS PRODUCING MATERNAL TOXICITY. AT HIGH LEVELS, INHALATION EXPOSURE HAS RESULTED IN TESTICULAR AND EPIDIDYMAL ATROPHY.

SECTION VII

PHYSICAL DATA

BOILING POINT: 190-246 (DEG F)	SPECIFIC GRAVITY: 0.75 @60 DEG F (H2O=1)	VAPOR PRESSURE: 90 @100 DEG F (MM HG) EST
MELTING POINT: NOT AVAILABLE (DEG F)	SOLUBILITY: NEGLIGIBLE (IN WATER)	VAPOR DENSITY: 3.5 EST (AIR=1)
EVAPORATION RATE (N-BUTYL ACETATE = 1): 3.85 EST		VOC: 100% @6.19 LB/GAL @77 DEG F

APPEARANCE AND ODOR:
COLORLESS LIQUID. HYDROCARBON ODOR.

SECTION VIII

FIRE AND EXPLOSION HAZARDS

FLASH POINT AND METHOD:
<20 DEG F (TCC)

FLAMMABLE LIMITS /% VOLUME IN AIR
LOWER: 1.0 UPPER: 8.0

EXTINGUISHING MEDIA
USE WATER FOG, FOAM, DRY CHEMICAL OR CO2. DO NOT USE A DIRECT STREAM OF WATER. PRODUCT WILL FLOAT AND CAN BE REIGNITED ON SURFACE OF WATER.

SPECIAL FIRE FIGHTING PROCEDURES AND PRECAUTIONS
DANGER. EXTREMELY FLAMMABLE. CLEAR FIRE AREA OF UNPROTECTED PERSONNEL AND ISOLATE. DO NOT ENTER CONFINED FIRE SPACE WITHOUT FULL BUNKER GEAR (HELMET WITH FACE SHIELD, BUNKER COATS, GLOVES AND RUBBER BOOTS), INCLUDING A POSITIVE PRESSURE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER.

UNUSUAL FIRE AND EXPLOSION HAZARDS
CONTAINERS EXPOSED TO INTENSE HEAT FROM FIRES SHOULD BE COOLED WITH WATER TO PREVENT VAPOR PRESSURE BUILDUP WHICH COULD RESULT IN CONTAINER RUPTURE. CONTAINER AREAS EXPOSED TO DIRECT FLAME CONTACT

SHOULD BE COOLED WITH LARGE QUANTITIES OF WATER AS NEEDED TO PREVENT WEAKENING OF CONTAINER STRUCTURE.

SECTION IXREACTIVITY

STABILITY: STABLE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS AND MATERIALS TO AVOID:

AVOID HEAT, SPARKS, FLAME AND CONTACT WITH STRONG OXIDIZING AGENTS. PREVENT VAPOR ACCUMULATION.

HAZARDOUS DECOMPOSITION PRODUCTS

CARBON MONOXIDE AND UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED DURING COMBUSTION.

SECTION XEMPLOYEE PROTECTION

RESPIRATORY PROTECTION

AVOID PROLONGED OR REPEATED BREATHING OF VAPORS. IF EXPOSURE MAY OR DOES EXCEED OCCUPATIONAL EXPOSURE LIMITS (SEC. IV) USE A NIOSH-APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE. IN ACCORD WITH 29 CFR 1910.134 USE EITHER AN ATMOSPHERE-SUPPLYING RESPIRATOR OR AN AIR-PURIFYING RESPIRATOR FOR ORGANIC VAPORS.

PROTECTIVE CLOTHING

AVOID CONTACT WITH EYES. WEAR SAFETY GLASSES OR GOGGLES AS APPROPRIATE. AVOID PROLONGED OR REPEATED CONTACT WITH SKIN. WEAR CHEMICAL-RESISTANT GLOVES AND OTHER CLOTHING AS REQUIRED TO MINIMIZE CONTACT.

ADDITIONAL PROTECTIVE MEASURES

USE EXPLOSION-PROOF VENTILATION AS REQUIRED TO CONTROL VAPOR CONCENTRATIONS. AIR-DRY CONTAMINATED CLOTHING IN A WELL VENTILATED AREA, THEN LAUNDER BEFORE REUSING.

SECTION XIENVIRONMENTAL PROTECTION

SPILL OR LEAK PROCEDURES

DANGER. EXTREMELY FLAMMABLE. ELIMINATE ALL IGNITION SOURCES. HANDLING EQUIPMENT MUST BE GROUNDED TO PREVENT SPARKING. *** LARGE SPILLS *** ISOLATE THE HAZARD AREA AND DENY ENTRY TO UNNECESSARY PERSONNEL. WEAR APPROPRIATE RESPIRATOR AND PROTECTIVE CLOTHING. SHUT OFF SOURCE OF LEAK ONLY IF SAFE TO DO SO. DIKE AND CONTAIN. WATER FOG MAY BE USEFUL IN SUPPRESSING VAPOR CLOUD; CONTAIN RUN-OFF. REMOVE WITH VACUUM TRUCKS OR PUMP TO STORAGE/SALVAGE VESSELS. SOAK UP RESIDUE WITH AN ABSORBENT SUCH AS CLAY, SAND OR OTHER SUITABLE MATERIAL; PLACE IN NON-LEAKING CONTAINERS FOR PROPER DISPOSAL. FLUSH AREA WITH WATER TO REMOVE TRACE RESIDUE; DISPOSE OF FLUSH SOLUTIONS AS ABOVE. *** SMALL SPILLS *** TAKE UP WITH AN ABSORBENT MATERIAL AND PLACE IN NON-LEAKING CONTAINERS; SEAL TIGHTLY FOR PROPER DISPOSAL.

SECTION XIISPECIAL PRECAUTIONS

KEEP LIQUID AND VAPOR AWAY FROM HEAT, SPARKS AND FLAME. SURFACES THAT ARE SUFFICIENTLY HOT MAY IGNITE EVEN LIQUID PRODUCT IN THE ABSENCE OF SPARKS OR FLAME. EXTINGUISH PILOT LIGHTS, CIGARETTES AND TURN OFF OTHER SOURCES OF IGNITION PRIOR TO USE AND UNTIL ALL VAPORS ARE GONE. VAPORS MAY ACCUMULATE AND TRAVEL TO IGNITION SOURCES DISTANT FROM THE HANDLING SITE; FLASH-FIRE CAN RESULT. KEEP CONTAINERS CLDSED WHEN NOT IN USE. USE WITH ADEQUATE VENTILATION.

CONTAINERS, EVEN THOSE THAT HAVE BEEN EMPTIED, CAN CONTAIN EXPLOSIVE VAPORS. DO NOT CUT, DRILL, GRIND, WELD OR PERFORM SIMILAR OPERATIONS ON OR NEAR CONTAINERS. DO NOT PRESSURIZE DRUM CONTAINERS TO EMPTY THEM.

STATIC ELECTRICITY MAY ACCUMULATE AND CREATE A FIRE HAZARD. GROUND FIXED EQUIPMENT. BOND AND GROUND TRANSFER CONTAINERS AND EQUIPMENT.

SECTION XIII TRANSPORTATION REQUIREMENTS

DEPARTMENT OF TRANSPORTATION CLASSIFICATION:
CLASS 3 (FLAMMABLE LIQUIDS), II

D.O.T. PROPER SHIPPING NAME:
FLAMMABLE LIQUIDS, N.O.S. (CONTAIN PETROLEUM NAPHTHA, TOLUENE)

OTHER REQUIREMENTS:
UN1993, GUIDE 128

SECTION XIV OTHER REGULATORY CONTROLS

THIS PRODUCT IS LISTED ON THE EPA/TSCA INVENTORY OF CHEMICAL SUBSTANCES.

PROTECTION OF STRATOSPHERIC OZONE (PURSUANT TO SECTION 611 OF THE CLEAN AIR ACT AMENDMENTS OF 1990): PER 40 CFR PART 82, THIS PRODUCT DOES NOT CONTAIN NOR WAS IT DIRECTLY MANUFACTURED WITH ANY CLASS I OR CLASS II OZONE DEPLETING SUBSTANCES.

IN ACCORDANCE WITH SARA TITLE III, SECTION 313, THE ATTACHED ENVIRONMENTAL DATA SHEET (EDS) SHOULD ALWAYS BE COPIED AND SENT WITH THE MSDS.

SECTION XV STATE REGULATORY INFORMATION

THE FOLLOWING CHEMICALS ARE SPECIFICALLY LISTED BY INDIVIDUAL STATES; OTHER PRODUCT SPECIFIC HEALTH AND SAFETY DATA IN OTHER SECTIONS OF THE MSDS MAY ALSO BE APPLICABLE FOR STATE REQUIREMENTS. FOR DETAILS ON YOUR REGULATORY REQUIREMENTS YOU SHOULD CONTACT THE APPROPRIATE AGENCY IN YOUR STATE.

STATE LISTED COMPONENT	PERCENT	STATE CODE
BENZENE (CAS NO: 71-43-2)	30 PPM	MA, CA65C/R
TOLUENE (CAS NO: 108-88-3)	9	CA, CT, FL, IL, LA, MA, ME, MN, NJ, PA, RI, CA65R
HEXANE, N- (CAS NO: 110-54-3)	3-3.5	CA, CT, FL, IL, LA, MA, ME, MN, NJ, PA, RI
METHYL PENTANE, 2- (CAS NO: 107-83-5)	2-3	FL, MA, MN, PA
METHYL PENTANE, 3- (CAS NO: 96-14-0)	2	FL, MA, PA

CA = CALIFORNIA HAZ. SUBST. LIST; CA65C, CA65R, CA65C/R = CALIFORNIA SAFE DRINKING WATER AND TOXICS ENFORCEMENT ACT OF 1986 OR PROPOSITION 65 LIST; CT = CONNECTICUT TOXIC. SUBST. LIST; FL = FLORIDA SUBST. LIST; IL = ILLINOIS TOX. SUBST. LIST; LA = LOUISIANA HAZ. SUBST. LIST; MA = MASSACHUSETTS SUBST. LIST; ME = MAINE HAZ. SUBST. LIST; MN = MINNESOTA HAZ. SUBST. LIST; NJ = NEW JERSEY HAZ. SUBST. LIST; PA = PENNSYLVANIA HAZ. SUBST. LIST; RI = RHODE ISLAND HAZ. SUBST. LIST.

CALIFORNIA PROPOSITION 65 FOOTNOTE: CA65C = THE CHEMICAL IDENTIFIED WITH THIS CODE IS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER. CA65R = THE CHEMICAL IDENTIFIED WITH THIS CODE IS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM. CA65C/R = THE CHEMICAL IDENTIFIED WITH THIS CODE IS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BOTH CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

PRODUCT NAME: SHELL SOL BT 67W EC

MSDS 10,080-13
PAGE 6

SECTION XVI

SPECIAL NOTES

THIS MSDS REVISION HAS CHANGES IN SECTION XV.

THE INFORMATION CONTAINED HEREIN IS BASED ON THE DATA AVAILABLE TO US AND IS BELIEVED TO BE CORRECT. HOWEVER, SHELL MAKES NO WARRANTY, EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THESE DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF. SHELL ASSUMES NO RESPONSIBILITY FOR INJURY FROM THE USE OF THE PRODUCT DESCRIBED HEREIN.

DATE PREPARED: MAY 26, 1998

BE SAFE

READ OUR PRODUCT
SAFETY INFORMATION ...AND PASS IT ON
(PRODUCT LIABILITY LAW
REQUIRES IT)

J. C. WILLETT

SHELL OIL COMPANY
PRODUCT SAFETY AND COMPLIANCE
P. O. BOX 4320
HOUSTON, TX 77210



ENVIRONMENTAL DATA SHEET

EDS NUMBER ► 10,080-6

PAGE 1

97449 (9-87)

PRODUCT ► SHELL SOL BT 67W EC

PRODUCT
CODE ► 83241

SECTION I

PRODUCT/COMPOSITION

NO.	COMPONENT	CAS NUMBER	PERCENT
P	SHELL SOL BT 67W EC*	MIXTURE	100
1	SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPHATIC	64742-89-8	91
2	TOLUENE	108-88-3	9
.	CONTAINS:		
1A	N-HEXANE	110-54-3	3-3.5
1B	2-METHYL PENTANE	107-83-5	2-3
1C	3-METHYL PENTANE	96-14-0	2

*A COMPLEX MIXTURE OF C5 TO C9 HYDROCARBONS; EXACT COMPOSITION WILL VARY.

SECTION II

SARA TITLE III INFORMATION

NO.	EHS RQ (LBS) (*1)	EHS TPQ (LBS) (*2)	SEC 313 (*3)	313 CATEGORY (*4)	311/312 CATEGORIES (*5)
P					H-1, H-2, P-3
1A			YES		
2			YES		

FOOTNOTES

- *1 = REPORTABLE QUANTITY OF EXTREMELY HAZARDOUS SUBSTANCE, SEC.302
*2 = THRESHOLD PLANNING QUANTITY, EXTREMELY HAZARDOUS SUBSTANCE, SEC 302
*3 = TOXIC CHEMICAL, SEC 313
*4 = CATEGORY AS REQUIRED BY SEC 313 (40 CFR 372.65 C), MUST BE USED ON TOXIC RELEASE INVENTORY FORM
*5 = HAZARD CATEGORY FOR SARA SEC. 311/312 REPORTING
- | | | |
|----------|---------------------------------------|---|
| HEALTH | H-1 = IMMEDIATE (ACUTE) HEALTH HAZARD | H-2 = DELAYED (CHRONIC) HEALTH HAZARD |
| PHYSICAL | P-3 = FIRE HAZARD | P-4 = SUDDEN RELEASE OF PRESSURE HAZARD |
| | P-5 = REACTIVE HAZARD | |

SECTION III

ENVIRONMENTAL RELEASE INFORMATION

UNDER EPA-CWA THIS PRODUCT IS CLASSIFIED AS AN OIL AND CONTAINS A COMPONENT DESIGNATED AS A HAZARDOUS SUBSTANCE UNDER SECTION 311. SPILLS INTO OR LEADING TO WATERS THAT CAUSE A SHEEN MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER, 800-424-8802.

EPA - COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY ACT. UNDER EPA-CERCLA ("SUPERFUND") RELEASES TO AIR, LAND OR WATER MAY BE REPORTABLE TO THE NATIONAL RESPONSE CENTER, 800-424-8802 (CIRCUMSTANCES SURROUNDING THE RELEASE AND CLEANUP DETERMINE REPORTABILITY). THE REPORTABLE QUANTITY (RQ) FOR A RELEASE OF THIS PRODUCT IS 11,000 LBS. WHICH IS BASED ON THE PRESENCE OF COMPONENT #2.

SECTION IV RCRA INFORMATION

UNDER EPA - RCRA (40 CFR 261.21), IF THIS PRODUCT BECOMES A WASTE MATERIAL, IT WOULD BE IGNITABLE HAZARDOUS WASTE, HAZARDOUS WASTE NUMBER D001.

THIS PRODUCT CONTAINS BENZENE AT >0.5 MG/L. UNDER EPA - RCRA (40 CFR 261.24), A WASTE CONTAINING THIS CHEMICAL IS HAZARDOUS (HAZARDOUS WASTE NUMBER D018) IF IT EXHIBITS THE CHARACTERISTIC OF TOXICITY AS SHOWN BY THE TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP). REFER TO THE LATEST EPA OR STATE REGULATIONS REGARDING PROPER DISPOSAL.

THE INFORMATION CONTAINED HEREIN IS BASED ON THE DATA AVAILABLE TO US AND IS BELIEVED TO BE CORRECT. HOWEVER, SHELL MAKES NO WARRANTY, EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THESE DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF. SHELL ASSUMES NO RESPONSIBILITY FOR INJURY FROM THE USE OF THE PRODUCT DESCRIBED HEREIN.

DATE PREPARED: FEBRUARY 09, 1995

SHELL OIL COMPANY
CORPORATE ENVIRONMENTAL AFFAIRS
P. O. BOX 4320
HOUSTON, TX 77210

FOR ADDITIONAL INFORMATION ON THIS ENVIRONMENTAL DATA PLEASE CALL
(713) 241-2252

FOR EMERGENCY ASSISTANCE PLEASE CALL
SHELL: (713) 473-9461
CHEMTREC: (800) 424-9300

MATERIAL SAFETY DATA SHEET

S00711
04 00

DATE OF PREPARATION
Jan 10, 2011

SECTION 1 — PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER

S00711

PRODUCT NAME

LU™711 THE PROTECTOR™ All-Purpose Lubricant

MANUFACTURER'S NAME

Sprayon Products
Cleveland, OH 44115

Telephone Numbers and Websites

Product Information	(800) 777-2966 www.sprayon.com
Regulatory Information	(216) 566-2902
Medical Emergency	(216) 566-2917
Transportation Emergency*	(800) 424-9300
*for Chemical Emergency ONLY (spill, leak, fire, exposure, or accident)	

SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

% by Weight	CAS Number	Ingredient	Units	Vapor Pressure
72	64742-88-7	Mineral Spirits 140-Flash ACGIH TLV OSHA PEL	100 PPM 100 PPM	0.5 mm
2	64741-97-5	Naphthenic Oil ACGIH TLV OSHA PEL	5 mg/m3 as Mist Not Available	
13	64742-65-0	Heavy Paraffinic Oil ACGIH TLV OSHA PEL	5 mg/m3 as Mist 5 mg/m3 as Mist	
5	111-76-2	2-Butoxyethanol ACGIH TLV OSHA PEL	20 PPM 25 PPM	0.88 mm
3	124-38-9	Carbon Dioxide ACGIH TLV OSHA PEL	5000 PPM 5000 PPM	760 mm

SECTION 3 — HAZARDS IDENTIFICATION

ROUTES OF EXPOSURE

INHALATION of vapor or spray mist.

EYE or SKIN contact with the product, vapor or spray mist.

EFFECTS OF OVEREXPOSURE

EYES: Irritation.

SKIN: Prolonged or repeated exposure may cause irritation.

INHALATION: Irritation of the upper respiratory system.

May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

Prolonged overexposure to hazardous ingredients in Section 2 may cause adverse chronic effects to the following organs or systems:

- the liver
- the urinary system
- the hematopoietic (blood-forming) system

SIGNS AND SYMPTOMS OF OVEREXPOSURE

Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists.

Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

None generally recognized.

CANCER INFORMATION

For complete discussion of toxicology data refer to Section 11.

HMIS Codes

Health	2
Flammability	3
Reactivity	0

SECTION 4 — FIRST AID MEASURES

- EYES:** Flush eyes with large amounts of water for 15 minutes. Get medical attention.
- SKIN:** Wash affected area thoroughly with soap and water.
Remove contaminated clothing and laundry before re-use.
- INHALATION:** If affected, remove from exposure. Restore breathing. Keep warm and quiet.
- INGESTION:** Do not induce vomiting. Get medical attention immediately.

SECTION 5 — FIRE FIGHTING MEASURES

FLASH POINT	LEL	UEL	EXTINGUISHING MEDIA
140 °F PMCC	0.9	10.6	Carbon Dioxide, Dry Chemical, Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS

- Containers may explode when exposed to extreme heat.
Application to hot surfaces requires special precautions.
During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES

- Full protective equipment including self-contained breathing apparatus should be used.
Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

- Remove all sources of ignition. Ventilate the area.
Remove with inert absorbent.

SECTION 7 — HANDLING AND STORAGE

STORAGE CATEGORY

Not Available

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

- Keep away from heat and open flame.
Consult NFPA Code. Use approved Bonding and Grounding procedures.
Contents under pressure. Do not puncture, incinerate, or expose to temperature above 120F. Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause container to burst. Do not take internally. Keep out of the reach of children.

SECTION 8 — EXPOSURE CONTROLS/PERSONAL PROTECTION

PRECAUTIONS TO BE TAKEN IN USE

- Use only with adequate ventilation.
Avoid contact with skin and eyes. Avoid breathing vapor and spray mist.
Wash hands after using.

VENTILATION

- Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits.
Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION

- If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

PROTECTIVE GLOVES

- None required for normal application of aerosol products where minimal skin contact is expected. For long or repeated contact, wear chemical resistant gloves.

EYE PROTECTION

- Wear safety spectacles with unperforated sideshields.

OTHER PRECAUTIONS

- Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

PRODUCT WEIGHT	6.78 lb/gal	812 g/l
SPECIFIC GRAVITY	0.82	
BOILING POINT	<0 - 416 °F	<-18 - 213 °C
MELTING POINT	Not Available	
VOLATILE VOLUME	81%	
EVAPORATION RATE	Faster than ether	
VAPOR DENSITY	Heavier than air	
SOLUBILITY IN WATER	N.A.	
VOLATILE ORGANIC COMPOUNDS (VOC Theoretical - As Packaged)	Less Water and Federally Exempt Solvents	
	Volatile Weight 76.80%	

SECTION 10 — STABILITY AND REACTIVITY**STABILITY — Stable****CONDITIONS TO AVOID**

None known.

INCOMPATIBILITY

None known.

HAZARDOUS DECOMPOSITION PRODUCTS

By fire: Carbon Dioxide, Carbon Monoxide

HAZARDOUS POLYMERIZATION

Will not occur

SECTION 11 — TOXICOLOGICAL INFORMATION**CHRONIC HEALTH HAZARDS**

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

TOXICOLOGY DATA

CAS No.	Ingredient Name			
64742-88-7	Mineral Spirits 140-Flash	LC50 RAT	4HR	Not Available
		LD50 RAT		Not Available
64741-97-5	Naphthenic Oil	LC50 RAT	4HR	Not Available
		LD50 RAT		Not Available
64742-65-0	Heavy Paraffinic Oil	LC50 RAT	4HR	Not Available
		LD50 RAT		Not Available
111-76-2	2-Butoxyethanol	LC50 RAT	4HR	Not Available
		LD50 RAT		470 mg/kg
124-38-9	Carbon Dioxide	LC50 RAT	4HR	Not Available
		LD50 RAT		Not Available

SECTION 12 — ECOLOGICAL INFORMATION**ECOTOXICOLOGICAL INFORMATION**

No data available.

SECTION 13 — DISPOSAL CONSIDERATIONS**WASTE DISPOSAL METHOD**

Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.

Do not incinerate. Depressurize container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

SECTION 14 — TRANSPORT INFORMATION**US Ground (DOT)**

May be classed as Consumer Commodity, ORM-D

UN1950, AEROSOLS, 2.1, LIMITED QUANTITY, (ERG#126)

Canada (TDG)

May be classed as Consumer Commodity, ORM-D
UN1950, AEROSOLS, CLASS 2.1, LIMITED QUANTITY, (ERG#126)

IMO

May be shipped as Limited Quantity
UN1950, AEROSOLS, CLASS 2.1, LIMITED QUANTITY, EmS F-D, S-U, ADR (D)

SECTION 15 — REGULATORY INFORMATION**SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION**

CAS No.	CHEMICAL/COMPOUND	% by WT	% Element
	Barium Compound	2	0.04
	Glycol Ethers	5	

CALIFORNIA PROPOSITION 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA CERTIFICATION

All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

SECTION 16 — OTHER INFORMATION

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.

MATERIAL SAFETY DATA SHEET

U.S. DEPARTMENT OF LABOR, OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION, HAZARD
COMMUNICATION STANDARD, 29 CFR 1910.1200

The Steco Corporation
2330 Cantrell Road
P.O. Box 2238
Little Rock, AR 72203

Emergency Response: (800) 255-3924
Information: (800) 643-8026
Fax: (501) 374-4278
Date Reviewed: August 15, 2011

TRADE NAME
CHEMICAL NAME & SYNONYMS
DOT SHIPPING NAME
IATA SHIPPING NAME
HMIS/NFPA CODE
MANUFACTURING CODE NO.:
COMMODITY CODE NO.:

TAP MAGIC PROTAP Cutting Fluid
Hydrocarbon Mixture
Not a Regulated Material
No hazard label required, no limit on quantity
Health 0; Fire 1; Reactivity 0
8358
332-9150

I. HAZARDOUS INGREDIENTS

This product contains no toxic or hazardous ingredients by OSHA criteria; however, as with any chemical product, exposure to liquids, vapors, mists and fumes should be minimized.

II. INGREDIENTS

Aliphatic Organic Acid	:	CAS# 112-80-1	>75% mixture
Aliphatic Organic Ester	:	CAS# 112-62-9	<15% mixture
Organic Polyol	:	CAS# None Assigned	<10% mixture

III. PHYSICAL DATA

BOILING RANGE, (760 mm Mercury)	:	680 to 1000° F
SPECIFIC GRAVITY (Water = 1) (lbs/gal)	:	(0.894) 7.46 lbs/gal
VAPOR PRESSURE (mm of Mercury) @ 75° F	:	Less Than 1
VAPOR DENSITY (Air = 1)	:	Greater Than 5
SOLUBILITY IN WATER, % by weight	:	Less Than 1 (Insoluble)
EVAPORATION RATE (Butyl Acetate = 1)	:	Less Than 0.01
% VOLATILE BY VOLUME @ 75° F	:	Less Than 1
APPEARANCE	:	Yellow Liquid
ODOR	:	Pleasant
pH	:	Nonaqueous

IV. FIRE & EXPLOSION DATA

LOWER FLAMMABLE LIMIT IN AIR (% by Volume)	:	1.0
UPPER FLAMMABLE LIMIT IN AIR (% by Volume)	:	15
FLASH POINT, PMCC	:	370° F
AUTOIGNITION TEMPERATURE	:	685° F
EXTINGUISHING MEDIA	:	Foam, Carbon Dioxide, Dry Chemical

V. HEALTH HAZARD INFORMATION

ROUTES OF ENTRY	:	Ingestion is the primary method of possible entry.
EFFECTS OF ACUTE OVEREXPOSURE:		INHALATION: (Unlikely due to low vapor pressure). Mist may cause headache, nasal, respiratory and eye irritation. INGESTION: Headache, drowsiness, nausea, fatigue. EYES: May cause pain and irritation.

EFFECTS OF CHRONIC OVEREXPOSURE: **SKIN CONTACT:** Prolonged repeated exposure may cause irritation.
CARCINOGENICITY : Not a carcinogen or suspect carcinogen.
EMERGENCY AND FIRST AID PROCEDURES: **EYE:** Flush eyes gently with water for at least 15 minutes. Supportive treatment is recommended.
SKIN: Wash with mild soap and water. Remove wetted clothing.
INHALATION: Remove to fresh air.
INGESTION: Do not induce vomiting. Call a physician and/or transport to emergency medical facility.

VI. REACTIVITY DATA

Materials such as sawdust or cloth rags which have been wetted with lubricant may be subject to spontaneous combustion during storage.

VII. DISPOSAL, SPILL OR LEAK PROCEDURES

AQUATIC TOXICITY : Aquatic toxicity is low: Product is not soluble in water. Biodegradable.
SPILL OR LEAK PROCEDURES: Absorb with inert materials. Remove to out of doors and incinerate.
WASTE DISPOSAL METHOD : PROTAP contains no environmentally hazardous substances. Small amounts may be incinerated in compliance with local, state and federal regulations. The recommended method of disposal for large quantities is recycling by a reclaimer or incineration. "If inert absorbents are employed in spill containment or cleanup, these absorbents must be non-biodegradable materials if destined for landfill disposal. Suitable absorbents include natural minerals (clay), activated charcoal, man-made polymers (HD polyethylene)."

VIII. SPECIAL PROTECTION INFORMATION

EYE PROTECTION: Standard eye protection should be worn when using this product.
SKIN PROTECTION: No special protection is needed. However, good personal hygiene practices should be followed.
RESPIRATORY: If application to which this product is being applied generates excessive mist or fumes, then appropriate respiratory protective equipment should be used. No special requirements under ordinary condition and use and proper ventilation of work area.
VENTILATION: No special requirements under ordinary conditions of use and with adequate ventilation.

IX. SPECIAL PRECAUTIONS

Product is ignitable, keep away from open flames. Do not expose to ignition sources. Do not store with strong oxidizers such as nitrates or perchlorates or oxygen under pressure. May cause swelling of some plastics and synthetic rubbers.

X. ADDITIONAL INFORMATION

Tap Magic PROTAP DOES NOT CONTAIN 1,1,1-trichloroethane or any ozone depleting substances. PROTAP does not contain chlorine, phosphorous, active sulfur, nitrates, nitrite derivatives, amines, polynuclear aromatic compounds either as ingredients or trace contaminants. Shelf life is indefinite at ambient temperatures and left in original containers.

Tap Magic PROTAP does not contain any chemical compound listed on the SARA list of 'Extremely Hazardous Chemicals', and is in compliance with all of the requirements of the TSCA at the time of shipment.

Caution: Any cutting fluid can be "overworked" or "overheated", causing it to break down. This overuse is identified by the sight of or strong odor of vapors or fumes not normally present. The effects of these vapors or fumes on human health have not been fully determined. After use of this product, clean and lubricate

metal surfaces to avoid staining and/or corrosion.

By: Asa L. Morton, Chief Chemist, American Interplex Corporation, Little Rock, AR 72204, (501) 224-5060

ATTN:
Louise**Polymer Products Company, Inc.****Material Safety Data Sheet**

Product: Endura® PB-6293-30MA

Revision Date: 01/29/2010

Section 1. Chemical Product and Company Identification**MANUFACTURER / SUPPLIER:**

Polymer Products Company, Inc.
100 Station Avenue
Stockertown, PA 18083

Information Telephone: 610-759-3690
24-Hour Emergency Telephone (Chemtrec): 800-424-9300

PRODUCT NAME: Endura® PB-6293-30MA
CHEMICAL FAMILY: Mixture
FORMULA: Mixture
CAS NUMBER: Mixture

Section 2. Composition / Information on Ingredients

MATERIAL	CAS NUMBER	AMOUNT
ADIPIC ACID	124-04-9	40 - 60%
POLY (METHYL METHACRYLATE/ETHYL ACRYLATE)	9010-88-2	40 - 60%
ETHYL ACRYLATE	140-88-5	<0.5%

Section 3. Hazards Identification**POTENTIAL HEALTH EFFECTS:**

INHALATION: May irritate mucous membranes of the nose and respiratory tract.

EYE: May cause irritation. Adipic Acid is an eye irritant

SKIN: May cause irritation. Adipic Acid is a skin irritant, repeated or prolonged exposure may result in dermatitis.

INGESTION: Low oral toxicity.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

None Known

Section 4. First Aid Measures**INHALATION**

If respiratory irritation occurs, remove to fresh air, if not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Seek medical attention if irritation persists or is severe.

EYE CONTACT

Promptly flush with water, holding the eyelids apart, for 15 minutes. Seek medical attention.

SKIN CONTACT:

Wash contaminated skin with soap and water. Should a burn occur, cool burn area immediately with cool clean running water until no heat is emitted from the burn area. Seek medical attention.

INGESTION

Wash mouth out with water. Consult a physician if pain or discomfort occurs.

NOTES TO PHYSICIAN (INCLUDING ANTIDOTES):

Treat symptomatically.

Polymer Products Company, Inc.

Material Safety Data Sheet

Product: Endura® PB-6293-30MA

Revision Date: 01/29/2010

Section 5. Fire Fighting Measures

FLASH POINT (METHOD USED):

196 °C (T.C.C. Adipic Acid)

FLAMMABLE LIMITS IN AIR (% BY VOLUME)

LEL: N/A

UEL: N/A

EXTINGUISHING MEDIA:

Water Spray, Carbon Dioxide, Foam, or Dry Chemical

SPECIAL FIRE FIGHTING PROCEDURES:

Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving chemicals.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

When Adipic Acid is dispersed as a dust, product may be subject to typical organic dust explosions.

Section 6. Accidental Release Measures

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED:

Carefully sweep up to prevent falls. Pellets can make floors slippery. Place in containers for use or disposal. Never flush any spilled material to the sewer.

Section 7. Handling and Storage

HANDLING:

In accordance with good industrial practice, handle with care and avoid unnecessary personal contact. Avoid contact with eyes and prolonged or repeated skin contact. Avoid continuous or repetitive breathing of fumes, vapors, or dust. Use only with adequate ventilation. For industrial use only.

STORAGE:

Store in a dry well ventilated area. Keep container tightly closed when not in use.

Section 8. Exposure Controls / Personal Protection

ENGINEERING CONTROLS:

VENTILATION:

Not normally required; however, local exhaust is recommended during all hot processing, and where dust is expected to be a problem.

PERSONAL PROTECTIVE EQUIPMENT:

EYE PROTECTION:

Safety Glasses with side shields or chemical goggles.

SKIN PROTECTION:

Wear protective gloves.

RESPIRATORY PROTECTION:

Not normally required unless dusty conditions are encountered. Use a NIOSH/MSHA approved mechanical filter type dust respirator when concentrations exceed the permissible exposure limits. The respirator use limitations made by NIOSH/MSHA or the manufacturer must be observed. If vapors or fumes are generated during melting operations, use a combination organic vapor/mechanical filter type cartridge respirator to prevent exposures.

OTHER PROTECTIVE EQUIPMENT:

Boots, aprons, or chemical suits should be used as necessary.

Polymer Products Company, Inc.

Material Safety Data Sheet

Product: Endura® PB-6293-30MA

Revision Date: 01/29/2010

PERMISSIBLE EXPOSURE LIMITS:**ADIPIC ACID:**

OSHA: None Established

ACGIH: 5 mg/m³, 8-Hour TWA (Time Weighted Average)**NUISANCE DUST:**OSHA: 15 mg/m³, 8-Hour TWA.ACGIH: 10 mg/m³, 8-Hour TWA.**Section 9. Physical and Chemical Properties**

BOILING POINT @ 760 MM HG:	N/A
VAPOR DENSITY (AIR=1):	Heavier Than Air
SPECIFIC GRAVITY (H ₂ O=1):	>1
FREEZING/MELTING POINT:	>150° C (Adipic Acid)
SOLUBILITY (WEIGHT % IN WATER):	Insoluble (Adipic Acid is moderately soluble).
BULK DENSITY:	N/A
VOLUME % VOLATILE:	<1
VAPOR PRESSURE:	N/A
EVAPORATION RATE:	N/A
HEAT OF SOLUTION:	N/A
APPEARANCE AND ODOR:	White powder and granules with a faint odor.

Section 10. Stability and Reactivity**STABILITY:**

Stable

CONDITIONS TO AVOID:

Excessive heat (Generally above 260° C).

HAZARDOUS POLYMERIZATION:

Will not occur.

INCOMPATIBILITY (MATERIALS TO AVOID):

Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS:Carbon dioxide, carbon monoxide, various hydrocarbons, and products from incomplete combustion.
Decomposition products depend on the conditions of heating or burning.**Section 11. Toxicological Information****IS CHEMICAL LISTED AS A CARCINOGEN OR POTENTIAL CARCINOGEN?**

The following components are listed by IARC, NTP, OSHA, or ACGIH as carcinogens:

<u>MATERIAL</u>	<u>IARC</u>	<u>NTP</u>	<u>OSHA</u>	<u>ACGIH</u>
Ethyl Acrylate	Yes	Yes		Yes

Section 12. Ecological Information

NO DATA

Polymer Products Company, Inc.

Material Safety Data Sheet

Product: Endura® PB-6293-30MA

Revision Date: 01/29/2010

Section 13. Disposal Considerations

WASTE DISPOSAL METHOD:

Care must be taken when using or disposing of chemical materials and/or their containers to prevent environmental contamination. It is your duty to dispose of chemical materials and/or their containers in accordance with all federal, state and local regulations.

Section 14. Transport Information

U.S. DOT SHIPPING NAME: Not Regulated
U.S. DOT HAZARD CLASS: Not Regulated

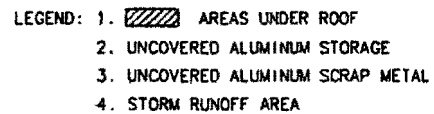
Section 15. Regulatory Information

All ingredients contained in this product are in compliance with TSCA.
This product does not contain any known chemical subject to the reporting requirements of SARA Title III Section 313.

Section 16. Other Information

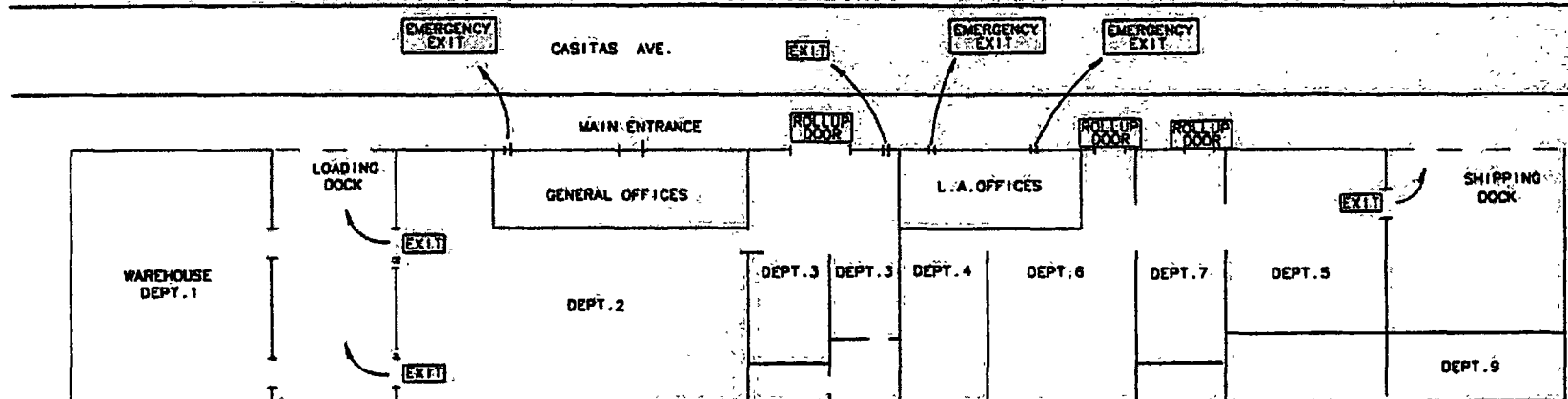
The information contained herein are based upon data believed to be correct. However no guarantee or warranty of any kind either expressed or implied is made with respect to the information contained herein. We assume no responsibility for any loss, damage, or expense, direct or indirect, arising out of its use.

AS OF 4/1/98



CAD FILE: PD-- 9A	SIZE B	DWG NO: PD-0269	SHEET: 1 - 1	REV: A
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R E V I S I O N S			
REV	DESCRIPTION	BY	DATE
A	INITIAL RELEASE		X/X/94

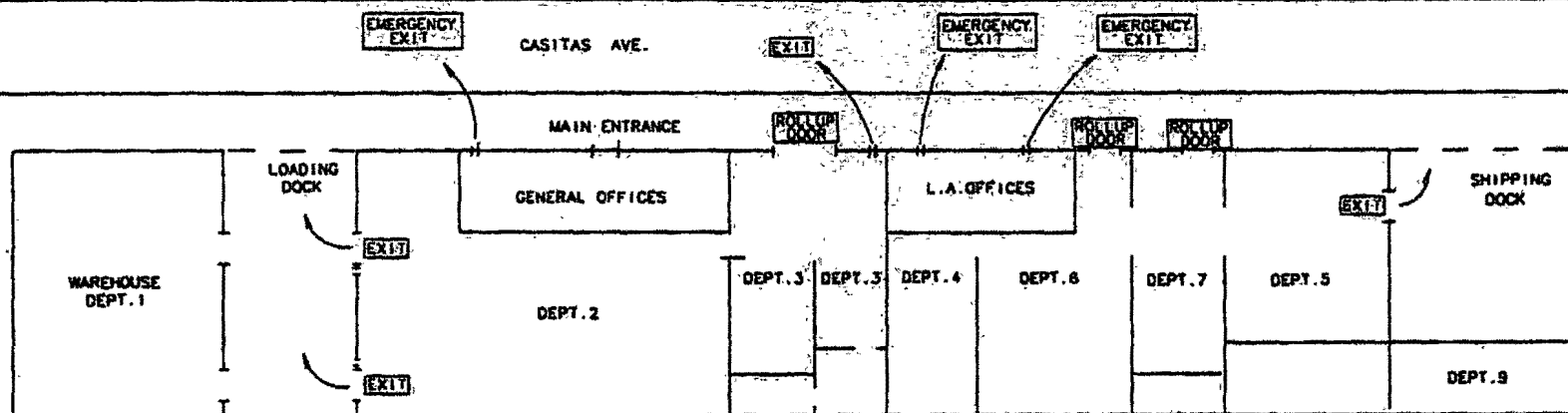


FACTORY FLOOR PLAN
1/64"=1'-0"

HEHR INTERNATIONAL INC.			3333 CASITAS AVE LOS ANGELES, CA 9		
DRAWN	X/X/94	MATERIAL: XXXX	FABRICATION MAIN TITLE SECOND TITLE NUMBER		
CHECKED		SCALE: 1:1			
APPROVED		SERIES: 0900			
ISSUED		EXP NO:			
TOLERANCE EXCEPT AS NOTED DEC2-010 FRAC21/32 ANG 21			CAD FILE: No.	SIZE B	SHEET 1-1

NOTES: UNLESS OTHERWISE SPECIFIED

REVISIONS				
REV	DESCRIPTION	BY	DATE	E.R.
A	INITIAL RELEASE		X/X/94	3200



FACTORY FLOOR PLAN
1/64"=1'-0"

HEHR INTERNATIONAL INC.				3333 CASITAS AVENUE LOS ANGELES, CA 90039	
DRAWN	X/X/94	MATERIAL	XXXX	FABRICATION MAIN TITLE SECOND TITLE	
CHECKED		SCALE	1:1		
APPROVED		SERIES	0900		
ISSUED		DWG NO.			
TOLERANCE EXCEPT AS NOTED DEC: 010 FRAC: 1/32 ANG: 25		CAD FILE: NO.	SIZE: 1/8"	DWG NO: NUMBER	SHEET: 1 - 1


NOTES: UNLESS OTHERWISE SPECIFIED

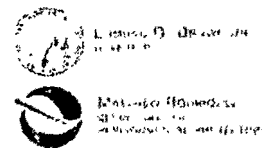
Hehr International Inc.
3333 Casitas Ave.
Los Angeles, CA 90039

Chemical Storage and Use Questionnaire
WIP File No. 112.0086

Perjury Statement

I, Mike Canzoneri, certify under penalty of law that this document and all attachments were prepared by me, or under my direction or supervision, in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

 December 28, 2012
Mike Canzoneri, General Manager
Hehr International Inc.
3333 Casitas Ave.
Los Angeles, CA 90039



Los Angeles Regional Water Quality Control Board

CHEMICAL STORAGE AND USE QUESTIONNAIRE

File No. 112.0086

I. Facility information

1. Company name: Hehr International Inc.
2. Company address: 3333 Casitas Ave. Unit No. _____
3. Contact Name: Mike Canzoneri Email: mcanzoneri@hehrintl.com
4. City: Los Angeles, CA Zip code: 90039 Phone: (323) 663-1261
5. Standard Industrial Classification (SIC): 3442
6. Brief description of business:
Manufacture windows and doors for Recreation Vehicles, buses,
and specialty vehicles.
7. EPA Generator I.D. Number: CAL 000262 023 Years at this location: 66
8. Answer the following questions relative to **present** operations:

A. Do you perform metal degreasing? Yes X No

If yes, please explain:

B. Do you perform dry cleaning operations? Yes X No

If yes, please explain:

C. Do you perform plating, metal finishing, or manufacture circuit boards? ☐ Yes ☒ No

If yes, please explain:

D. Do you have plating or anodizing tanks? ☐ Yes ☒ No

E. Do you perform any metal work? ☒ Yes ☐ No

F. Do you have a clarifier, sump, tank or other holding tanks for wastewater?

☐ Yes ☒ No

G. Do you have an industrial waste permit for sewer discharge? ☐ Yes ☒ No

If yes, provide permit no. _____

H. Do you store chemicals at this location? ☒ Yes ☐ No

I. Have you ever used Perchlorate (PCE) at this location? ☐ Yes ☒ No

J. Has any soil, wastewater and/or groundwater investigations been conducted on the property? ☐ Yes ☒ No

If so, provided date(s), and State or local agency? _____

1. Do you know if plating operations existed at this location? ☐ Yes ☒ No

If yes, please explain:

2. Answer the following questions relative to **past** operations, if applicable:

3. Address of previous operations: N/A

4. Years in business at previous location(s), if applicable:

N/A

A. Did you once have plating or anodizing tanks? ☐ Yes ☒ No

B. Did you once perform degreasing? ☐ Yes ☒ No

- C. Did you perform any metal finishing work? ☐ Yes ☒ No
- D. Did you have a clarifier, sump, tank or other holding tanks for waste water? ☐ Yes ☒ No
- E. Did you have an industrial waste permit for sewer discharge? ☐ Yes ☒ No
- F. Did you have a drum storage area? ☒ Yes ☐ No
- G. Have any soil, waste water and/or groundwater investigations been conducted on the property? ☐ Yes ☒ No
If so, provide date(s) and name of regulatory agency: _____

5. Name(s) of former tenants(s), dates of operation and type of business (provide a separate sheet if necessary).

Company Name	Type of Business	Dates of Operation at the Site
N/A		

9. List all processes in which metallic compounds (Chromium, Cadmium, Mercury, Nickel, Zinc, etc.) are used.

None

II. Property owner information

- Name of current property owner: Hehr International Inc.
- Mailing address of property owner: 3333 Casitas Ave.
- City: Los Angeles, CA Zip code: 90039 Phone: (323) 663-1261
- Prior property owner(s) and the dates of their ownership (for past 40 yrs., if known)

Property Owner	Dates of Ownership	
	From	To
Please see Addendum A attached		

III. Waste Management

1. List source(s) of industrial waste(s) from the site? (Identify sources by process, composition of wastes generated and approximate quantity disposed of monthly).

General trash including packing materials, office/restroom/lunch room waste, plastic, vinyl, wood, and glass from production: 13,000 lbs/mo.
Forklift oil changes, used motor oil: 1 gal/mo avg. / Hydraulic oil from machine maintenance: 5 gal/mo. / Parts washer, OSol 300 Solvent: 1 gal/mo. / Maintenance, absorbent; 100 lbs/mo. / Window fabrication, extruded aluminum: 7,890 lbs/mo. to recycler

IV. Sewer Information

1. ☐ Industrial ☐ Septic tank ☒ Municipal ☐ Cesspool ☐ Other
2. Was a different disposal system used in the past? ☐ Yes ☒ No

If yes, specify type _____

V. Chemical Storage and Use

Complete the following sections for each chemical(s) used or stored at the facility, both past and present use; excluding common housekeeping chemicals. Add separate sheets to complete your listing, if necessary.

Chemical Name: HB Fuller Hot Melt Butyl Rubber Glass sealant

1. Common/Trade name: HB Fuller Insul-Cure Quantity stored: 55 - 100 gal
2. Storage method: ☐ Underground tank ☒ Drums 55 gal (IG Rm)
☐ Aboveground tank ☐ Other (specify)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is waste treatment performed prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is waste stored prior to disposal? ☐ Yes ☒ No
6. Are manifest records for designated waste streams available for review? ☐ Yes ☒ No

Chemical Name: Heavy duty glass cleaner, alcohol and glycol ether

1. Common/Trade name: Boardwalk Quantity stored: 21 (19 oz)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Box (WH)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available?
☐ Yes ☒ No
-

Chemical Name: All purpose cleaner

1. Common/Trade name: 409 Quantity stored: 1 gal.
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Dept 5)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available?
☐ Yes ☒ No
-

Chemical Name: 7010 Bedding Compound

- 1.-Common/Trade name: ADCO Quantity stored: 2 (5 gal)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) (pail) Dept.1

3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available? ☐ Yes ☒ No
-

Chemical Name: 7038 Mid-Viscosity Window Seal, white

1. Common/Trade name: Dolphin Quantity stored: 5 gal
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Pail (Dept.5)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available? ☐ Yes ☒ No

Chemical Name: 7045 High-viscosity Window Seal, black

1. Common/Trade name: Dolphin Quantity stored: 5 gal
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Pail (Dept.5)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
-

5. Is the waste stored prior to disposal? Yes X No
6. Is manifest documentation for designated waste streams available? Yes X No

* PLEASE SEE ADDITIONAL CHEMICAL LIST ON ATTACHED PAGES.

THIS QUESTIONNAIRE SHALL BE SIGNED AND ACKNOWLEDGE BELOW AS FOLLOWS:

By a principal, an executive of the company, or other authorized representative of the company.

This questionnaire has been completed under penalty of perjury and to the best of my knowledge, as true and correct.

Signature: *Mike Canzoneri* Date: December 28, 2012

Printed name: Mike Canzoneri Title: General Manager

Phone number: (323) 663-1261

Please Return This Form To: **LOS ANGELES REGIONAL WATER QUALITY
CONTROL BOARD
320 WEST 4TH STREET, SUITE 200
LOS ANGELES, CALIFORNIA 90013**

II. 4. Supplemental information.

The following properties located near 3333 Casitas Ave. were purchased by Hehr International Inc./Hehr Mfg. within the past 40 years:

3547 Casitas Ave. (Tract 1723, Block A, Lots 1-3)

Prior to June 1972 owned by The City of Los Angeles

After June 1972 owned by Hehr International Inc./ Hehr Mfg.

3455 Casitas Ave. (Tract 1723, Block A, Lot 14)

Prior to February 1978 owned by Marguerite Werstler

After February 1978 owned by Hehr International Inc./ Hehr Mfg.

3445 Casitas Ave. (Tract 1723, Block A, Lot 16)

Prior to 1977 owned by Joseph Reiss

After 1977 owned by Hehr International Inc./ Hehr Mfg.

3419 Casitas Ave. (Tract 1723, Block A, Lot 21)

Prior to August 1978 owned by the Estate of Anita Borbon

After August 1978 owned by Hehr International Inc./ Hehr Mfg.

3411 Casitas Ave. (Tract 1723, Block A, Lot 22)

Prior to May 1972 owned by Einer and Martha Jachel

After May 1972 owned by Hehr International Inc./ Hehr Mfg.

Chemical Name: 7045 High-viscosity window seal, black

1. Common/Trade name: ADCO Quantity stored: 5 gal
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Pail (Dept 5)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available?
☐ Yes ☒ No
-

Chemical Name: 7035 Mid-viscosity window seal, black

1. Common/Trade name: ADCO Quantity stored: 5 gal
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Pail (Dept 5)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available?
☐ Yes ☒ No
-

Chemical Name: _____

- 1.-Common/Trade name: _____ Quantity stored: _____
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☐ Other (specify) _____

Chemical Name: Protap Cutting Oil

1. Common/Trade name: Tap Magic Mod# 30/28P Quantity stored: .5 gal
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Maint)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☐ Hauled ☒ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available?
☐ Yes ☒ No
-

Chemical Name: Precision 12 oz aerosol black touch-up paint

1. Common/Trade name: Raabe Quantity stored: 72
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Box on shelf (Dept 1)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☐ Hauled ☒ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available?
☐ Yes ☒ No

Chemical Name: _____

- 1.-Common/Trade name: _____ Quantity stored: _____
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☐ Other (specify) _____

Chemical Name: Precision 12 oz aerosol white touch up paint

1. Common/Trade name: Raabe Quantity stored: 12
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Box/shelf (Dept 1)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☐ Hauled ☒ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☒ Yes ☐ No
6. Is manifest documentation for designated waste streams available?
☒ Yes ☐ No
-

Chemical Name: Roto X Tend Heavy Duty Fluid Lubricant (Compressor)

1. Common/Trade name: Atlas Copco Code 1752001-20 Quantity stored: 2-5 gal
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Maint)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☐ Hauled ☒ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☒ Yes ☐ No
6. Is manifest documentation for designated waste streams available?
☒ Yes ☐ No

Chemical Name: _____

- 1.-Common/Trade name: _____ Quantity stored: _____
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☐ Other (specify) _____

Chemical Name: Cleaner/degreaser

1. Common/Trade name: Awesome Quantity stored: 16 (24 oz)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Box on shelf (Dept 1)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available?
☐ Yes ☒ No
-

Chemical Name: 7539 Mid-viscosity window seal

1. Common/Trade name: ADCO Quantity stored: 1 (5 gal)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Pail (Dept 1)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available?
☐ Yes ☒ No

Chemical Name: _____

- 1.-Common/Trade name: _____ Quantity stored: _____
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☐ Other (specify) _____

Chemical Name: Sprayon protection lube

1. Common/Trade name: Sprayon Quantity stored: 45 gal
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Pail on shelf (Dept 1)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available?
☐ Yes ☒ No
-

Chemical Name: Sparkle glass cleaner

1. Common/Trade name: C.R. Laurence Quantity stored: 8 #8 oz)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Box on shelf (Dept 1)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available?
☐ Yes ☒ No

Chemical Name: _____

- 1.-Common/Trade name: _____ Quantity stored: _____
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☐ Other (specify) _____

Chemical Name: Loktite High Strength Thread Locker (Red)

1. Common/Trade name: Loktite 262 Quantity stored: 5 (.34 oz)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Boxx (Dept 1)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available?
☐ Yes ☒ No
-

Chemical Name: Turbo Lock Red Thread Locker

1. Common/Trade name: Turbo Lock Quantity stored: 11 (1.69 oz)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Box (Dept 1)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available?
☐ Yes ☒ No
-

Chemical Name: _____

- 1.-Common/Trade name: _____ Quantity stored: _____
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☐ Other (specify) _____
-

Chemical Name: Maintex 50/1 Glass Cleaner

1. Common/Trade name: Maintex Quantity stored: 2 gal
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Box (Maint)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☐ Hauled ☒ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available?
☐ Yes ☒ No
-

Chemical Name: Main Line Cleaner

1. Common/Trade name: Main Line Quantity stored: 1 gal
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Maint)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☐ Hauled ☒ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available?
☐ Yes ☒ No

Chemical Name: _____

- 1.-Common/Trade name: _____ Quantity stored: _____
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☐ Other (specify) _____

Chemical Name: Power Steering Fluid

1. Common/Trade name: Napa Quantity stored: 1 gal
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Maint)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☐ Hauled ☒ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☒ Yes ☐ No
6. Is manifest documentation for designated waste streams available?
☒ Yes ☐ No
-

Chemical Name: Prestone 50/50 Pre-diluted anti-freeze

1. Common/Trade name: Prestone Quantity stored: 1 gal
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Maint)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☐ Hauled ☒ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☒ Yes ☐ No
6. Is manifest documentation for designated waste streams available?
☒ Yes ☐ No
-

Chemical Name: _____

- 1.-Common/Trade name: _____ Quantity stored: _____
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☐ Other (specify)

Chemical Name: Plumber's Putty

1. Common/Trade name: Oatney Quantity stored: 80 oz
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Maint)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available?
☐ Yes ☒ No
-

Chemical Name: Premium AV Hydraulic Oil 32

1. Common/Trade name: G. Lowest Pet. Quantity stored: 55 gal
2. Storage method: ☐ Underground tank ☒ Drums (Maint)
☐ Above ground tank ☐ Other (specify)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☐ Hauled ☒ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☒ Yes ☐ No
6. Is manifest documentation for designated waste streams available?
☒ Yes ☐ No
-

Chemical Name: _____

- 1.-Common/Trade name: _____ Quantity stored: _____
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☐ Other (specify)

Chemical Name: Protectsol 512

1. Common/Trade name: American Research Prod's Quantity stored: 5 gal
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Maint)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☐ Hauled ☒ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☒ Yes ☐ No
6. Is manifest documentation for designated waste streams available?
☒ Yes ☐ No
-

Chemical Name: Sprayon Lu 711L

1. Common/Trade name: Lu 711L Quantity stored: 5 gal
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Pail on shelf (Maint)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☐ Hauled ☒ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☒ Yes ☐ No
6. Is manifest documentation for designated waste streams available?
☒ Yes ☐ No
-

Chemical Name: _____

- 1.-Common/Trade name: _____ Quantity stored: _____
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☐ Other (specify) _____

Chemical Name: Coastal Premium Industrial Moly Extreme Pressure Grease

1. Common/Trade name: Coastal Quantity stored: _____
2. Storage method: _____ Underground tank _____ Drums
_____ Above ground tank ☒ Other (specify) Shelf (Tooling)
3. Waste disposal: _____ Sewered _____ Onsite recycling
☒ Hauled _____ Offsite recycling
4. Is the waste treated prior to disposal? _____ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? _____ Yes ☒ No
6. Is manifest documentation for designated waste streams available?
_____ Yes ☒ No
-

Chemical Name: Rapid Air Feed Oil 32

1. Common/Trade name: Shell Oil Co. Quantity stored: 2 (gal)
2. Storage method: _____ Underground tank _____ Drums
_____ Above ground tank ☒ Other (specify) Shelf (Tooling)
3. Waste disposal: _____ Sewered _____ Onsite recycling
☒ Hauled _____ Offsite recycling
4. Is the waste treated prior to disposal? _____ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☒ Yes _____ No
6. Is manifest documentation for designated waste streams available?
☒ Yes _____ No
-

Chemical Name: _____

- 1.-Common/Trade name: _____ Quantity stored: _____
2. Storage method: _____ Underground tank _____ Drums
_____ Above ground tank _____ Other (specify)

Chemical Name: Vanishing Oil (Automatic) Punching Machine Oil

1. Common/Trade name: _____ Quantity stored: 2 gal
2. Storage method: _____ Underground tank _____ Drums
_____ Above ground tank X Other (specify) Shelf (Maint) (
3. Waste disposal: _____ Sewered _____ Onsite recycling
_____ Hauled X Offsite recycling
4. Is the waste treated prior to disposal? _____ Yes X No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? _____ X Yes _____ No
6. Is manifest documentation for designated waste streams available?
_____ X Yes _____ No
-

Chemical Name: Ultraflux Silver Brazing

1. Common/Trade name: _____ Quantity stored: 7 oz
2. Storage method: _____ Underground tank _____ Drums
_____ Above ground tank X Other (specify) Shelf (Maint)
3. Waste disposal: _____ Sewered _____ Onsite recycling
X Hauled _____ Offsite recycling
4. Is the waste treated prior to disposal? _____ Yes X No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? _____ Yes X No
6. Is manifest documentation for designated waste streams available?
_____ Yes X No

Chemical Name: _____

- 1.-Common/Trade name: _____ Quantity stored: _____
2. Storage method: _____ Underground tank _____ Drums
_____ Above ground tank _____ Other (specify)

Chemical Name: Premium Rust Oleum High Heat Enamel Aerosol

1. Common/Trade name: Rust Oleum Quantity stored: 1 (12 oz)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) 12 oz can (Maint)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available?
☐ Yes ☒ No
-

Chemical Name: Pipe Joint Compound

1. Common/Trade name: Oatney Lube/Seal Quantity stored: 1 (8 fl oz) (Tooling)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☐ Other (specify)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available?
☐ Yes ☒ No

Chemical Name: _____

- 1.-Common/Trade name: _____ Quantity stored: _____
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☐ Other (specify)

Chemical Name: MP Solvent Acetone UN 1993

1. Common/Trade name: A.G. Layne Inc. Quantity stored: 2 (1 qt)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Tooling)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☐ Hauled ☒ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☒ Yes ☐ No
6. Is manifest documentation for designated waste streams available?
☒ Yes ☐ No
-

Chemical Name: Loctite 262 Thread Locker High Strength

1. Common/Trade name: Loctite Quantity stored: 2 (1.69 fl oz)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Can on shelf (Tooling)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available?
☐ Yes ☒ No

Chemical Name: _____

- 1.-Common/Trade name: _____ Quantity stored: _____
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☐ Other (specify) _____

Chemical Name: Jet Lube Multi Purpose Grease

1. Common/Trade name: Alco-Ep Quantity stored: 2 (14 oz can)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Can on shelf (Tooling)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available?
☐ Yes ☒ No
-

Chemical Name: Fuchs Renolit ST-80 White Lithium

1. Common/Trade name: Fuch Lubricant Co. Quantity stored: 3 (1 lb)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Tooling)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available?
☐ Yes ☒ No

Chemical Name: _____

- 1.-Common/Trade name: _____ Quantity stored: _____
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☐ Other (specify) _____

Chemical Name: Loktite Silver Grade Anti-Seize Lube

1. Common/Trade name: Henkel Corp. Quantity stored: 1 (4 oz)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Dept 1)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available? ☐ Yes ☒ No
-

Chemical Name: Mineral Spirits

1. Common/Trade name: Kleen Strip Quantity stored: 7 (gal cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Box on shelf (Dept 1)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☐ Hauled ☒ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☒ Yes ☐ No
6. Is manifest documentation for designated waste streams available? ☒ Yes ☐ No
-

Chemical Name: _____

- 1.-Common/Trade name: _____ Quantity stored: _____
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☐ Other (specify)

Chemical Name: Kleen Strip Isopropyl Alcohol 70%

1. Common/Trade name: Kleen Strip Quantity stored: 1 (gal cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available?
☐ Yes ☒ No
-

Chemical Name: Precision Low Gloss Black spray paint

1. Common/Trade name: Raabe Quantity stored: 1
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Dept 5)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☐ Hauled ☒ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☒ Yes ☐ No
6. Is manifest documentation for designated waste streams available?
☒ Yes ☐ No

Chemical Name: _____

- 1.-Common/Trade name: _____ Quantity stored: _____
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☐ Other (specify)

Chemical Name: Gear Oil 80W/90

1. Common/Trade name: Sta-Lube Quantity stored: 1 (gal cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) (Shelf in Maint)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☐ Hauled ☒ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available?
☐ Yes ☒ No
-

Chemical Name: Brake Fluid (Automotive)

1. Common/Trade name: Pyroil Quantity stored: 3/4 gal (gal cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Maint)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available?
☐ Yes ☒ No

Chemical Name: _____

- 1.-Common/Trade name: _____ Quantity stored: _____
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☐ Other (specify) _____

Chemical Name: Kano Kroil Loosen Frozen Parts (Metal)

1. Common/Trade name: Kano Lab Quantity stored: 3/4 gal (gal cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Maint)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available? ☐ Yes ☒ No
-

Chemical Name: Safety Solvent/Degreaser

1. Common/Trade name: Bortzoil Products Quantity stored: 1 (gal cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Maint)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available? ☐ Yes ☒ No
-

Chemical Name: _____

- 1.-Common/Trade name: _____ Quantity stored: _____
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☐ Other (specify)
-

Chemical Name: Fast Orange Hand Cleaner

1. Common/Trade name: Fast Orange Quantity stored: 1.75 gal (gal cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Maint)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available?
☐ Yes ☒ No
-

Chemical Name: Heavy Duty Cleaner/Degreaser

1. Common/Trade name: Golden West Quantity stored: 1 (gal cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Maint)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available?
☐ Yes ☒ No

Chemical Name: _____

- 1.-Common/Trade name: _____ Quantity stored: _____
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☐ Other (specify)

Chemical Name: Nu-Calgon Nu-Brite Coil Cleaner/Brightener

1. Common/Trade name: Nu-Calgon Quantity stored: 10 (10.3 fl oz cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Maint)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available?
☐ Yes ☒ No
-

Chemical Name: Vanishing Oil

1. Common/Trade name: Lube Master Quantity stored: 3 (5 gal pail)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Maint)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled (empty cont) ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available?
☐ Yes ☒ No

Chemical Name: _____

- 1.-Common/Trade name: _____ Quantity stored: _____
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☐ Other (specify) _____

Chemical Name: Western States Vitamin B-1 Plant Fertilizer

1. Common/Trade name: Western States Quantity stored: 1 (gal cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Maint)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled (empty cont) ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available?
☐ Yes ☒ No
-

Chemical Name: Maxim Abrasive Grime Cleanser

1. Common/Trade name: Maxim Quantity stored: 1 (qt cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Maint)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available?
☐ Yes ☒ No

Chemical Name: _____

- 1.-Common/Trade name: _____ Quantity stored: _____
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☐ Other (specify)

Chemical Name: All Purpose Joint Compound

1. Common/Trade name: Westpac Quantity stored: 1 (28.1 kg cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Maint)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available?
☐ Yes ☒ No
-

Chemical Name: Roberts Vinyl Tile Compound Adhesive

1. Common/Trade name: Roberts Quantity stored: 1 (5 gal cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Maint)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available?
☐ Yes ☒ No

Chemical Name: _____

- 1.-Common/Trade name: _____ Quantity stored: _____
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☐ Other (specify) _____

Chemical Name: Zep 10 minute Hair Clog Cleaner

1. Common/Trade name: Zep Quantity stored: 1 (gal cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Maint)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available? ☐ Yes ☒ No
-

Chemical Name: Kleen Strip Denatured Alcohol

1. Common/Trade name: Kleen Strip Quantity stored: 2 (gal cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Prod'n Dept 8
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available? ☐ Yes ☒ No

Chemical Name: _____

- 1.-Common/Trade name: _____ Quantity stored: _____
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☐ Other (specify) _____

Chemical Name: Clorox Cleaner/disinfectant

1. Common/Trade name: Clorox Quantity stored: 3 (gal cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Maint)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled (empty cont) ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available?
☐ Yes ☒ No
-

Chemical Name: Henry's 208R Wet Patch Roof Cement

1. Common/Trade name: Henry's Quantity stored: 1 (gal cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Maint)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available?
☐ Yes ☒ No

Chemical Name: _____

- 1.-Common/Trade name: _____ Quantity stored: _____
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☐ Other (specify)

Chemical Name: Boyer Brass and Copper Polish

1. Common/Trade name: Boyer Quantity stored: 1 (16 oz cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Maint)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available? ☐ Yes ☒ No
-

Chemical Name: 409 Multi Purpose Cleaner

1. Common/Trade name: 409 Quantity stored: 1 (qt cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Maint)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled (empty cont) ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available? ☐ Yes ☒ No

Chemical Name: _____

- 1.-Common/Trade name: _____ Quantity stored: _____
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☐ Other (specify)

Chemical Name: Christy's Prime-It-Prime Wrap Primer

1. Common/Trade name: Christy Quantity stored: 1/2 (qt cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Maint)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available? ☐ Yes ☒ No
-

Chemical Name: Dap White Wood Glazing

1. Common/Trade name: Dap Quantity stored: 1 (32 fl oz cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Maint)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available? ☐ Yes ☒ No
-

Chemical Name: _____

- 1.-Common/Trade name: _____ Quantity stored: _____
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☐ Other (specify) _____
-

Chemical Name: Husky Compressor Oil

1. Common/Trade name: Husky Quantity stored: 1 (16 oz cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Maint)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☐ Hauled ☒ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available? ☐ Yes ☒ No
-

Chemical Name: Rector Seal Pipe Thread Sealant

1. Common/Trade name: Rector Quantity stored: 1 (qt cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Maint)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available? ☐ Yes ☒ No
-

Chemical Name: _____

- 1.-Common/Trade name: _____ Quantity stored: _____
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☐ Other (specify) _____

Chemical Name: Cool Lube 2210 Advanced Metal Working Lube

1. Common/Trade name: Cool Lube Quantity stored: 1 (gal cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Maint)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☐ Hauled ☒ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available? ☐ Yes ☒ No
-

Chemical Name: Johnson Complete Floor Finisher

1. Common/Trade name: Johnson Quantity stored: 1 (gal cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☐ Other (specify)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available? ☐ Yes ☒ No
-

Chemical Name: _____

- 1.-Common/Trade name: _____ Quantity stored: _____
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☐ Other (specify)

Chemical Name: ACL 130 30 Weight High Grade Compressor Oil

1. Common/Trade name: ACL Quantity stored: 1 (gal cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Maint)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☐ Hauled ☒ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available? ☐ Yes ☒ No
-

Chemical Name: Crack Top Crack Filler (Wood Etc.)

1. Common/Trade name: Crack Top Quantity stored: 1 (gal cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Maint)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available? ☐ Yes ☒ No

Chemical Name: _____

- 1.-Common/Trade name: _____ Quantity stored: _____
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☐ Other (specify) _____

Chemical Name: Brake Fluid Super S

1. Common/Trade name: Shell Oil Co. Quantity stored: 1 (gal cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Maint)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled (empty cont) ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available?
☐ Yes ☒ No
-

Chemical Name: Floetrol Acrylic Paint

1. Common/Trade name: Floetrol Quantity stored: 1 (gal cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available?
☐ Yes ☒ No

Chemical Name: _____

- 1.-Common/Trade name: _____ Quantity stored: _____
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☐ Other (specify)

Chemical Name: Roberts Fiberglass Sheet & Luxury Vinyl 2310 Adhesive

1. Common/Trade name: Roberts Quantity stored: 3/4 (gal cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Maint)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available? ☐ Yes ☒ No
-

Chemical Name: Hard Cast Duct Seal

1. Common/Trade name: Hard Cast Quantity stored: .5 (gal cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Maint)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available? ☐ Yes ☒ No

Chemical Name: _____

- 1.-Common/Trade name: _____ Quantity stored: _____
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☐ Other (specify)

Chemical Name: Dap Weldwood Contact Cement

1. Common/Trade name: Dap Quantity stored: 1 (gal cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Maint)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available?
☐ Yes ☒ No
-

Chemical Name: Roberts Premium Multi Purpose Carpet Adhesive 3300 Max

1. Common/Trade name: Roberts Quantity stored: 2.5 (gal cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Maint)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available?
☐ Yes ☒ No

Chemical Name: _____

- 1.-Common/Trade name: _____ Quantity stored: _____
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☐ Other (specify)

Chemical Name: 7045 ADCO High Viscosity Window Seal Black

1. Common/Trade name: ADCO Quantity stored: 5 (gal cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Pail on shelf (Dept 1)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available? ☐ Yes ☒ No
-

Chemical Name: 7038 Dolphin Mid Viscosity Window Seal White

1. Common/Trade name: Dolphin Quantity stored: 5 (gal cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Pail on shelf (Dept 1)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available? ☐ Yes ☒ No

Chemical Name: _____

- 1.-Common/Trade name: _____ Quantity stored: _____
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☐ Other (specify)

Chemical Name: Weldon 1001 Clear Medium Slow Curing Solvent

1. Common/Trade name: IPS Corp Quantity stored: 3 (gal cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Dept 1)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available? ☐ Yes ☒ No
-

Chemical Name: 7045 High Viscosity Window Seal Black

1. Common/Trade name: Dolphin Quantity stored: 5 (gal cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Pail on shelf (Dept 1)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available? ☐ Yes ☒ No

Chemical Name: _____

- 1.-Common/Trade name: _____ Quantity stored: _____
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☐ Other (specify)

Chemical Name: Sika Aktivator/Primer

1. Common/Trade name: Sika Quantity stored: 4 (2000 ML cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Box on shelf (Dept 1)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available?
☐ Yes ☒ No
-

Chemical Name: CA-40H Instant Adhesive

1. Common/Trade name: 3M Corp Quantity stored: 7 (1 oz bottle)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Dept 1)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available?
☐ Yes ☒ No

Chemical Name: _____

- 1.-Common/Trade name: _____ Quantity stored: _____
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☐ Other (specify) _____

Chemical Name: 3M Black Urethane Primer

1. Common/Trade name: 3M Quantity stored: 6 (200 ML cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Dept 1)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available?
☐ Yes ☒ No
-

Chemical Name: Fasbond 30 Contact Cement/Sealer

1. Common/Trade name: 3M Adhesive Coating Div. Quantity stored: 2 (gal plastic cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Dept 1)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available?
☐ Yes ☒ No

Chemical Name: _____

- 1.-Common/Trade name: _____ Quantity stored: _____
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☐ Other (specify) _____

Chemical Name: Sikatack Ultrafast Hot Applied Windshield Adhesive

1. Common/Trade name: Sika Quantity stored: 120 (10.1 fl oz cartridge)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Boxes on shelf (Dept 1)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available? ☐ Yes ☒ No
-

Chemical Name: Sika 206 G-P Glass Primer

1. Common/Trade name: Sika Quantity stored: 2 (4.2 oz)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Box on shelf (Dept 1)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available? ☐ Yes ☒ No
-

Chemical Name: _____

- 1.-Common/Trade name: _____ Quantity stored: _____
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☐ Other (specify) _____
-

Chemical Name: Behr Paint Primer, Water Based, White

1. Common/Trade name: Behr Quantity stored: 5 gal
2. Storage method: ☐ Underground tank ☒ Drums (5 gal) (Maint)
☐ Above ground tank ☐ Other (specify)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled (empty cont) ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available?
☐ Yes ☒ No
-

Chemical Name: Sand Wall Texture Paint, Water Based, white

1. Common/Trade name: Behr Quantity stored: 2 gal
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Can on shelf (Maint)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled (empty cont) ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available?
☐ Yes ☒ No
-

Chemical Name: _____

- 1.-Common/Trade name: _____ Quantity stored: _____
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☐ Other (specify)

Chemical Name: H 6916 Vanishing Oil Lube

1. Common/Trade name: Lamson Oil Co. Quantity stored: 2 gal (in 5 gal cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☐ Hauled ☒ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available?
☐ Yes ☒ No
-

Chemical Name: Aqua Acrylic Gripper Stain Remover/Sealer

1. Common/Trade name: Glidden Quantity stored: 5 gal (5 gal cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Maint)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled (empty cont.) ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available?
☐ Yes ☒ No

Chemical Name: _____

- 1.-Common/Trade name: _____ Quantity stored: _____
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☐ Other (specify)

Chemical Name: Alvana Grease 71031

1. Common/Trade name: Shell Quantity stored: 2 gal
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Dept 5)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled (empty cont) ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available? ☐ Yes ☒ No
-

Chemical Name: Cal Lube C-3s Refrigeration Oil

1. Common/Trade name: Nu-Calgon Quantity stored: 4 gal (gal cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Maint)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☐ Hauled ☒ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available? ☐ Yes ☒ No

Chemical Name: _____

1. Common/Trade name: _____ Quantity stored: _____
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☐ Other (specify) _____

Chemical Name: Polyurethane Premium Elastomer Sealant

1. Common/Trade name: White Lightning Quantity stored: 576 (10.1 oz cartridge)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) In box on shelf (Dept 1)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled (empty cont) ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available? ☐ Yes ☒ No
-

Chemical Name: RF-7050 Adhesive Resin Formulator

1. Common/Trade name: _____ Quantity stored: 1 (5 gal cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Dept 1)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled (empty cont) ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available? ☐ Yes ☒ No
-

Chemical Name: _____

- 1.-Common/Trade name: _____ Quantity stored: _____
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☐ Other (specify) _____
-

Chemical Name: IPS Weldon 1001

1. Common/Trade name: IPS Quantity stored: 11 gal (1 gal cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Dept 1)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available? ☐ Yes ☒ No
-

Chemical Name: Silicone Sealant Adhesive

1. Common/Trade name: CRL Quantity stored: 8 (10 oz cartridge)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Dept 1)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available? ☐ Yes ☒ No
-

Chemical Name: _____

- 1.-Common/Trade name: _____ Quantity stored: _____
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☐ Other (specify)
-

Chemical Name: Raabe Spray Paint Aerosol White

1. Common/Trade name: Raabe Quantity stored: 360 (19 oz cans)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) In box on shelf (Dept 1)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☐ Hauled ☒ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☒ Yes ☐ No
6. Is manifest documentation for designated waste streams available? ☒ Yes ☐ No
-

Chemical Name: Raabe Spray Paint Aerosol Black

1. Common/Trade name: Raabe Quantity stored: 228 (19 oz cans)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) In box on shelf (Dept 1)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☒ Yes ☐ No
6. Is manifest documentation for designated waste streams available? ☒ Yes ☐ No
-

Chemical Name: _____

- 1.-Common/Trade name: _____ Quantity stored: _____
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☐ Other (specify)

Chemical Name: Raabe Touch Up Paint Pens, White

1. Common/Trade name: Raabe Quantity stored: 42 (3 oz)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Box on shelf (Dept 1)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☐ Hauled ☒ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☒ Yes ☐ No
6. Is manifest documentation for designated waste streams available? ☒ Yes ☐ No
-

Chemical Name: Raabe Touch Up Paint Pens, Black

1. Common/Trade name: Raabe Quantity stored: 280 (3 oz)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Box on shelf (Dept 1)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☐ Hauled ☒ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☒ Yes ☐ No
6. Is manifest documentation for designated waste streams available? ☒ Yes ☐ No
-

Chemical Name: _____

- 1.-Common/Trade name: _____ Quantity stored: _____
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☐ Other (specify) _____

Chemical Name: Simple Green Cleaner/Degreaser

1. Common/Trade name: Simple Green Quantity stored: 1 gal (1 gal cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Dept 1)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled (empty cont) ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available?
☐ Yes ☒ No

Chemical Name: Nexgen Cleaner/Degreaser

1. Common/Trade name: Nexgen Quantity stored: 2 (5 gal cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Dept 1)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled (empty cont) ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available?
☐ Yes ☒ No

Chemical Name: _____

- 1.-Common/Trade name: _____ Quantity stored: _____
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☐ Other (specify)

Chemical Name: Round Up Weed & Grass Killer, Ready to Use

1. Common/Trade name: Roundup Quantity stored: 1.75 (1 gal cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf, Maint. dept
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled (empty cont) ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available?
☐ Yes ☒ No
-

Chemical Name: Nexgen Citrus Cleaner/degreaser

1. Common/Trade name: Slide/Nexgen Quantity stored: 1 (5 gal cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Dept 5)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled (empty cont) ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available?
☐ Yes ☒ No

Chemical Name: _____

- 1.-Common/Trade name: _____ Quantity stored: _____
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☐ Other (specify) _____

Chemical Name: 7035 ADCO Mid Viscosity Window Seal Black

1. Common/Trade name: ADCO Quantity stored: 5 (gal cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Dept 1)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled (empty cont) ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available? ☐ Yes ☒ No
-

Chemical Name: Transmission Oil

1. Common/Trade name: Napa Quantity stored: 2 (qt cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Maint)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☐ Hauled ☒ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available? ☐ Yes ☒ No
-

Chemical Name: _____

- 1.-Common/Trade name: _____ Quantity stored: _____
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☐ Other (specify)

Chemical Name: Ortho Home Defense Max Insect Killer

1. Common/Trade name: Ortho Quantity stored: 1 (gal cont)
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☒ Other (specify) Shelf (Maint)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☒ Hauled (empty cont) ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☒ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☒ No
6. Is manifest documentation for designated waste streams available? ☐ Yes ☒ No
-

Chemical Name: _____

1. Common/Trade name: _____ Quantity stored: _____
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☐ Other (specify)
3. Waste disposal: ☐ Sewered ☐ Onsite recycling
☐ Hauled ☐ Offsite recycling
4. Is the waste treated prior to disposal? ☐ Yes ☐ No
If yes, specify treatment method: _____
5. Is the waste stored prior to disposal? ☐ Yes ☐ No
6. Is manifest documentation for designated waste streams available? ☐ Yes ☐ No
-

Chemical Name: _____

- 1.-Common/Trade name: _____ Quantity stored: _____
2. Storage method: ☐ Underground tank ☐ Drums
☐ Above ground tank ☐ Other (specify)
-

ACORD™

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

3/15/2013

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Hub International HUB Int'l Insurance Serv. Inc. 4371 Latham St, Ste #101 Riverside, CA 92501	CONTACT NAME: Peggy Brown	PHONE (A/C, No, Ext): 877 825-2681	FAX (A/C, No): 951 231-2572
	E-MAIL ADDRESS: CalCPU@hubinternational.com		
INSURED Hehr International 3333 Casitas Avenue Los Angeles, CA 90039-0160	INSURER(S) AFFORDING COVERAGE		NAIC #
	INSURER A: Travelers Property Casualty Co		25674
	INSURER B:		
	INSURER C:		
	INSURER D:		
	INSURER E:		
INSURER F:			

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSR INVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GENTL AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC		6603A383357TIL12	06/30/2012	06/30/2013	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$300,000 MED EXP (Any one person) \$25,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMPOD AGG \$2,000,000
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO ALL OWNED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS SCHEDULED AUTOS NON-OWNED AUTOS <input checked="" type="checkbox"/>		8403A383357TIL12	06/30/2012	06/30/2013	COMBINED SINGLE LIMIT (Ea accident) \$1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
A	UMBRELLA LIAB <input checked="" type="checkbox"/> EXCESS LIAB DED <input checked="" type="checkbox"/> RETENTION \$10,000 OCCUR <input checked="" type="checkbox"/> CLAIMS-MADE		CUP3A383357TIL12	06/30/2012	06/30/2013	EACH OCCURRENCE \$20,000,000 AGGREGATE \$20,000,000
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below Y/N Y N/A		UB2A95636312	06/30/2012	06/30/2013	X WC STATUTORY LIMITS E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

Verification of Insurance.

CERTIFICATE HOLDER

CANCELLATION

Verification of Insurance

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Samuel Castro

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EVIDENCE OF COMMERCIAL PROPERTY INSURANCE

DATE (MM/DD/YYYY)
03/18/2013

THIS EVIDENCE OF COMMERCIAL PROPERTY INSURANCE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE ADDITIONAL INTEREST NAMED BELOW. THIS EVIDENCE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS EVIDENCE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE ADDITIONAL INTEREST.

PRODUCER NAME CONTACT PERSON AND ADDRESS PHONE (A/C, No, Ext.) 218-539-2300 Arthur J. Gallagher & Co. Insurance Brokers of California, Inc. License #0726293 505 North Brand Boulevard, Suite 600 Glendale, CA 91203-3944 FAX (A/C, No) E-MAIL ADDRESS: C/OE AGENCY CUSTOMER ID #: NAMED INSURED AND ADDRESS Hehr International Inc. 3333 Casitas Avenue PO BOX 39160 Los Angeles, CA 90039-0160 ADDITIONAL NAMED INSURED(S)	COMPANY NAME AND ADDRESS NAIC NO: 10014 AFFILIATED FM INS CO IF MULTIPLE COMPANIES, COMPLETE SEPARATE FORM FOR EACH	
POLICY TYPE	LOAN NUMBER POLICY NUMBER 82294	
EFFECTIVE DATE 10/01/12	EXPIRATION DATE 10/01/13	CONTINUED UNTIL TERMINATED IF CHECKED
THIS REPLACES PRIOR EVIDENCE DATED:		

PROPERTY INFORMATION (Use REMARKS on page 2. If more space is required) ☒ BUILDING OR ☐ BUSINESS PERSONAL PROPERTY

LOCATION/DESCRIPTION

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS EVIDENCE OF PROPERTY INSURANCE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

COVERAGE INFORMATIONPERILS INSURED ☐ BASIC ☐ BROAD ☒ SPECIAL ☐

COMMERCIAL PROPERTY COVERAGE AMOUNT OF INSURANCE: \$ 91,526,490

DED: 25,000

	YES	NO	N/A	
<input checked="" type="checkbox"/> BUSINESS INCOME <input type="checkbox"/> RENTAL VALUE	<input checked="" type="checkbox"/>			IF YES, LIMIT: Actual Loss Sustained; # of months:
BLANKET COVERAGE	<input checked="" type="checkbox"/>			IF YES, indicate value(s) reported on property identified above: \$
TERRORISM COVERAGE		<input checked="" type="checkbox"/>		Attach Disclosure Notice / DEC
IS THERE A TERRORISM-SPECIFIC EXCLUSION?				
IS DOMESTIC TERRORISM EXCLUDED?	<input checked="" type="checkbox"/>			
LIMITED FUNGUS COVERAGE		<input checked="" type="checkbox"/>		IF YES, LIMIT: OED:
FUNGUS EXCLUSION (If "YES", specify organization's form used)	<input checked="" type="checkbox"/>			
REPLACEMENT COST	<input checked="" type="checkbox"/>			
AGREED VALUE	<input checked="" type="checkbox"/>			
COINSURANCE		<input checked="" type="checkbox"/>		IF YES, %
EQUIPMENT BREAKDOWN (If Applicable)	<input checked="" type="checkbox"/>			IF YES, LIMIT: OED:
ORDINANCE OR LAW - Coverage for loss to undamaged portion of bldg	<input checked="" type="checkbox"/>			
- Demolition Costs	<input checked="" type="checkbox"/>			IF YES, LIMIT: OED:
- Incr. Cost of Construction	<input checked="" type="checkbox"/>			IF YES, LIMIT: OED:
EARTH MOVEMENT (If Applicable)		<input checked="" type="checkbox"/>		IF YES, LIMIT: OED:
FLOOD (If Applicable)		<input checked="" type="checkbox"/>		IF YES, LIMIT: OED:
WIND / HAIL (If Subject to Different Provisions)		<input checked="" type="checkbox"/>		IF YES, LIMIT: OED:
PERMISSION TO WAIVE SUBROGATION IN FAVOR OF MORTGAGE HOLDER PRIOR TO LOSS	<input checked="" type="checkbox"/>			

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

ADDITIONAL INTEREST

MORTGAGEE LENDERS LOSS PAYABLE NAME AND ADDRESS Hehr International Inc.	CONTRACT OF SALE	LENDER SERVICING AGENT NAME AND ADDRESS AUTHORIZED REPRESENTATIVE <i>Nicole C. Johanning</i>
--	------------------	---



FIRE PREVENTION BUREAU TECHNICAL SECTION
200 NORTH MAIN STREET, RM 1780
LOS ANGELES, CA 90012

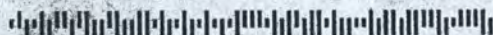
LOS ANGELES FIRE DEPARTMENT
Los Angeles Certified Unified Program Agency
(213) 978-3680



(2012/2013)

MAIN SITE

Facility ID: FA0001894
Issue Date: 10/19/2012
Valid From: 7/1/2012
Valid To: 6/30/2013
Haz Waste BusID: AR0006764
Active Sites: 1 of 1



*****AUTO**SCH 3-DIGIT 900 6
HEHR INTERNATIONAL INC 1763
3333 CASITAS AVE
LOS ANGELES CA 90039-2207

CONSOLIDATED PERMIT

Los Angeles Certified Unified Program Agency

Los Angeles Fire Department

Hazardous Waste and Hazardous Materials Management Program

Business Name
HEHR INTERNATIONAL INC

Permit Site Address:
3333 W. CASITAS AVE
LOS ANGELES, CA 90039

Owned By:
HEHR INTERNATIONAL INC

Has paid in full the required fee in the amount of \$2,262.00 on 09/12/2012

This permit is to be renewed annually. The following Unified Program Element(s) are covered in the permit.

PROGRAM ELEMENT	DESCRIPTION
HAZWASTE HAZMAT	HW GEN. 101-500 EMPLOYEES HAZ MAT INVENTORY 4 TO 7 CHEMICALS

Los Angeles City Fire Code Division 4: Hazardous Materials **

**Division 4 Permit is issued based on the condition that the facility is in compliance with all applicable rules, regulations, and laws pertaining to Division 4 Hazmat Materials.

Status of all program elements listed above (unless otherwise indicated): **PERMITTED**

THIS PERMIT IS NONTRANSFERABLE AND IS VOID UPON CHANGE OF OWNERSHIP OR LOCATION.

YOU MAY CONTINUE TO OPERATE UNDER THE (2012/2013) CONSOLIDATED PERMIT UNTIL **September 30, 2013**
IF YOU MEET THE DEADLINES FOR PAYMENT FOR THE NEXT FISCAL YEAR AND MEET ALL OTHER REQUIREMENTS

BY:

BRIAN CUMMINGS
Fire Chief

The Consolidated Permit must be posted in a conspicuous location at the facility for review at all times.

See reverse page for conditions.

Please notify the City of Los Angeles Fire Department, Technical Section of any change to ownership or location within 30 days.

Address: 200 N. Main Street, Room 1780, Los Angeles, CA, 90012. Telephone: 213-978-3680

CITY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS
BUREAU OF SANITATION



INDUSTRIAL WASTE MANAGEMENT DIVISION
2714 MEDIA CENTER DRIVE
LOS ANGELES, CA 90065
(323) 342-6200

INDUSTRIAL WASTEWATER PERMIT

INDUSTRIAL USER NO: IU003866
PERMIT NO: W-130094
EFFECTIVE DATE: 07/01/1956
AMENDED DATE: 03/19/2013
EXPIRATION DATE: NA

LEGAL BUSINESS NAME: HEHR INTERNATIONAL INC.
DOING BUSINESS AS: HEHR INTERNATIONAL INC.
MAILING ADDRESS: 3333 Casitas Avenue
Los Angeles, CA 90039
LOCATION ADDRESS: 3333 Casitas Avenue
Los Angeles, CA 90039
CATEGORY: LOCAL INDUSTRIAL USER

POINT OF DISCHARGE: Public Sewer

In accordance with the provisions of the Los Angeles Municipal Code (L.A.M.C.) Section 64.30, the above identified industrial user is hereby authorized to discharge industrial wastewater through the approved point of discharge identified herein in accordance with the discharge limitations, conditions, and requirements set forth in this permit and the L.A.M.C. Compliance with this permit does not relieve the industrial user of its obligation to comply with all pretreatment regulations, standards or requirements under local, State and Federal laws, including any such laws, regulations, standards or requirements that may become effective during the term of this permit.

The industrial user must comply with the provisions of L.A.M.C. Section 64.30 and all terms and conditions of this permit. Noncompliance with the terms and conditions of this permit shall constitute a violation of the L.A.M.C. Section 64.30 and may subject the industrial user to administrative actions or other legal proceedings. This permit becomes void upon any change of ownership or location whatsoever.

Enrique C. Zaldivar, Director
Bureau of Sanitation

BY: 

TABLE OF CONTENTS

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PART 1 - DISCHARGE LIMITATIONS**CITY OF LOS ANGELES
BUREAU OF SANITATION****LOCAL DISCHARGE LIMITATIONS**

In accordance with L.A.M.C. Section 64.30, wastewaters introduced into the City of Los Angeles sewer system or approved point of discharge shall not exceed the following limitations:

Constituent	Units	Instantaneous Maximum
Arsenic, Total	mg/l	3.00
Cadmium, Total	mg/l	15.00
Chromium, Total	mg/l	10.00
Copper, Total	mg/l	15.00
Cyanide (Free)	mg/l	2.00
Cyanide (Total)	mg/l	10.00
Dissolved Sulfides	mg/l	0.10
Lead, Total	mg/l	5.00
Nickel, Total	mg/l	12.00
Oil & Grease (Total)	mg/l	600.00
pH	SU	< 5.50
pH	SU	> 11.00
Silver, Total	mg/l	5.00
Temperature - Liquid	Deg F	140.00
Zinc, Total	mg/l	25.00

The above limitations shall not apply where more restrictive limitations are imposed by permit or other National Categorical Pretreatment Standards.

In accordance with L.A.M.C. Section 64.30 B.1. - Discharge Prohibitions, no person shall discharge specific prohibited pollutants or materials except as expressly allowed in an Industrial Wastewater Permit (See Part 6.A.1 of this permit - General Prohibitive Standards).

PART 2 – FACILITY INFORMATION

The industrial user shall give notice to the Bureau for any increase in discharge flow and pay the applicable **Sewer Facilities Charge** if the increase in flow volume to the sewer exceeds the facility's purchased sewer capacity.

PART 3 - MONITORING REQUIREMENTS

Not Applicable

PART 4 - REPORTING REQUIREMENTS

Not Applicable

PART 5 - SPECIAL CONDITIONS

Not Applicable

PART 6 – STANDARD CONDITIONS**A. Prohibitions****1. General Prohibitive Standards**

The industrial user shall comply with all the general prohibitive discharge standards in the General Pretreatment Regulations, 40 CFR 403, and the L.A.M.C. Section 64.30. Except as expressly allowed in this Industrial Wastewater Permit, the industrial user shall not discharge wastewater to the POTW that contains any of the following:

- a) Gasoline, mercury, total identifiable chlorinated hydrocarbons, kerosene, naphtha, benzene, toluene, xylene, ethers, alcohols, ketones, aldehydes, peroxides, chlorates, perchlorates, bromates, carbides, hydrides, solvents, pesticides or jet fuel;
- b) Petroleum oil, nonbiodegradable cutting oil or products of mineral oil origin in amounts that will cause interference or pass through.
- c) Liquids, solids or gases which by reason of their nature or quantity are flammable, reactive, explosive, corrosive or radioactive or by interaction with other materials could result in fire, explosion or injury. This includes, but is not limited to, wastestreams with a closed cup flash point of less than 140°F or 60°C using the test methods specified in 40 CFR 261.21.
- d) Solid or viscous materials which could cause obstruction to the flow or operation of the POTW;
- e) Toxic pollutants in sufficient quantity to injure or interfere with any wastewater treatment process, to constitute a hazard or cause injury to human, animal, plant or fish life or to exceed any limitation set forth in this Section;
- f) Noxious or malodorous liquids, gases or solids in sufficient quantity, either singly or by interaction with other materials, to create a public nuisance, hazard to life or to prevent entry of any person to the POTW;
- g) Pollutants which result in the presence of toxic gases, vapors or fumes within the POTW in a quantity that may cause acute worker health and safety problems;
- h) Material of sufficient quantity to interfere with any POTW treatment plant process or to render any product thereof unsuitable for reclamation and reuse;
- i) Material of sufficient quantity to cause the POTW to be in noncompliance with sludge use or disposal criteria, guidelines or regulations in connection with Section 405 of the Act, the Solid Waste Disposal Act, the Clean Air Act, the Toxic Substances Control Act, the Marine Protection, Research, and Sanctuaries Act or State criteria applicable to the sludge management method being used;
- j) Material which will cause the POTW to violate its NPDES Permit, applicable Federal and/or State statutes, rules or regulations;
- k) Pigment which is not removed in the treatment process;
- l) A heat content in such quantities that the temperature of the wastewater at the introduction into the POTW collection system exceeds 140°F or at the introduction into the POTW treatment plant exceeds 104°F;
- m) Pollutants, including oxygen demanding pollutants, released at a flow rate or pollutant concentration which will cause or contribute to interference;
- n) Storm water collected and discharged to the POTW;
- o) Single pass cooling water in excess of 200 gallons per day discharged to the POTW;

- p) Materials which constitute a hazard or causes injury to human, animal, plant or fish life or creates a public nuisance;
- q) Recognizable portions of the human or animal anatomy;
- r) Floatable material which is readily removable;
- s) Medical or infectious wastes;
- t) Radioactive wastes or isotopes;
- u) Garbage, food, market wastes or food plant wastes that have not been ground by household type or other suitable garbage grinders;
- v) Sharps; or
- w) Any trucked or hauled pollutants, except at discharge points designated by the City.

B. Permit Provisions

1. Severability

The provisions of this permit are severable, and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances and the remainder of this permit shall not be affected thereby.

2. Duty to Comply

The industrial user must comply with the provisions of L.A.M.C. 64.30 and all conditions of this permit. Failure to comply with the requirements of this permit may be grounds for administrative action or enforcement proceedings, including civil or criminal penalties, injunctive relief and summary abatements.

3. Duty to Mitigate

The industrial user shall take all reasonable steps to minimize or correct any adverse impact to the public treatment plant or the environment resulting from noncompliance with this permit, including such accelerated or additional monitoring as necessary to determine the nature and impact of the noncomplying discharge.

4. Modification or Revision of the Permit

This permit may be modified, revoked and reissued or terminated for good causes including, but not limited to, the following:

- a) The incorporation of any new or revised Federal, State or Local pretreatment standards or requirements;
- b) Material or substantial alterations or additions to the discharger's operational processes or discharge volume or character which were not covered in the effective permit;
- c) A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge;
- d) Information indicating that the permitted discharge poses a threat to the City of Los Angeles' collection and treatment systems, POTW personnel or the receiving waters;
- e) A violation of any terms or conditions of this permit;
- f) Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts;
- g) A revision of or a grant of variance from such categorical standards pursuant to 40 CFR 403.13.

h) A request of the industrial user, provided such request does not create a violation of any existing applicable requirements, standards, laws or rules and regulations; or

i) A correction of typographical or other errors in the permit.

5. Property Rights

The issuance of this permit does not convey any property rights of any sort or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor does it authorize any violation of Federal, State or Local laws or regulations.

6. Limitation of Permit Transfer

An Industrial Wastewater Permit shall not be transferable by operation of law or otherwise, either from one location to another or from one person to another. Statutory mergers or name changes shall not constitute a transfer or a change in ownership.

7. Duty to Reapply

To continue an activity regulated by this permit after the expiration date, the industrial user must file an application for permit renewal at least 90 days before the expiration date of this permit.

8. Dilution

The industrial user shall not increase the use of potable or process water or, in any way, attempt to dilute an effluent as a partial or complete substitute for adequate treatment to achieve compliance with the limitations contained in this permit.

9. Compliance with Applicable Pretreatment Standards and Requirements

The industrial user shall comply at all times with any and all applicable Local, State and Federal pretreatment standards and requirements including any such standards or requirements that may become effective during the term of this permit. In addition, the industrial user may be required to prepare a pollution prevention plan.

10. Confidentiality

a) Any information, except for discharge and effluent data, submitted to the City pursuant to this Section may be claimed by the discharger to be confidential. Any such claim must be asserted at the time of submission of the information or data to the City. The claim may be asserted by stamping the words "Confidential Business Information" on each page containing such information or by other means; however, if no claim is asserted at the time of submission, the City may make the information available to the public without further notice. If such a claim is asserted, the information will be treated in accordance with the procedures set forth in 40 CFR Part 2 (Public Information).

b) Information and data provided to the City which is effluent data shall be available to the public without restriction.

C. Operation and Maintenance of Pollution Controls

1. Proper Operation and Maintenance

The industrial user shall at all times properly operate and maintain all facilities and systems for treatment and control (and related appurtenances) which are installed or used by the industrial user to achieve compliance with the conditions of this permit. Proper operation and maintenance includes but is not limited to effective performance, adequate funding, adequate operator staffing and training and adequate laboratory and process controls including appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems only when necessary to achieve compliance with the conditions of the permit.

2. Duty to Halt or Reduce Activity

Upon reduction of efficiency of operation or loss or failure of all or part of the pretreatment facility, the industrial user shall, to the extent necessary to maintain compliance with its permit, control its production or discharge (or both) until operation of the pretreatment facility is restored or an alternative method of pretreatment is provided. This requirement applies, for example, when the primary source of power of the pretreatment facility fails or is reduced. It shall not be a defense for a industrial user in an enforcement action to state that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

3. Removed Substances

Solids, sludge, filter backwash or other pollutants removed in the course of treatment or control of wastewaters shall be disposed of in accordance with section 405 of the Clean Water Act and Subtitles C and D of the Resource Conservation and Recovery Act.

4. Bypass of Treatment Facilities

- a) Bypass is prohibited unless it is unavoidable to prevent loss of life, personal injury or severe property damage or no feasible alternatives exist.
- b) The industrial user may allow bypass to occur which does not cause effluent limitations to be exceeded, but only if it is also for essential maintenance to assure efficient operation.
- c) Notification of bypass:
 - (1) Anticipated bypass. If the industrial user knows in advance of the need for a bypass, written notice shall be submitted to the Director at least ten days prior to the anticipated date of bypass.
 - (2) Unanticipated bypass. The industrial user shall provide oral notice of an unanticipated bypass that exceeds applicable Pretreatment Standards to the Director at (323) 342-6200 within 24 hours from the time the industrial user becomes aware of the bypass. A written notice shall also be provided within 5 days of the time the industrial user becomes aware of the bypass. The written notice shall contain the following:
 - (i) A description of the bypass including its cause and duration;
 - (ii) Whether the bypass has been corrected; and
 - (iii) The steps taken or to be taken to reduce, eliminate and prevent reoccurrence of bypassing.

D. Monitoring and Records

1. Flow Measurements

If flow measurement is required by this permit, the appropriate flow measurement devices and methods consistent with approved scientific practices shall be selected and used to ensure the accuracy and reliability of measurements of the volume of monitored discharge. The devices shall be installed, calibrated and maintained to ensure that the accuracy of the measurements are consistent with the accepted capability of that type of device. Devices selected shall be capable of measuring flows with a maximum deviation of less than 5 percent from true discharge rates throughout the range of expected discharge volumes.

2. Inspection and Entry

The industrial user shall allow the Director or an authorized representative, upon the presentation of credentials and other documents, entry to and inspection of the premises. The applicant, by accepting any permit issued pursuant to L.A.M.C. Section 64.30, does hereby consent and agree to the entry upon the premises, described in the permit, by Department personnel for the following purposes as required by this permit or L.A.M.C Section 64.30 or other applicable laws. The City shall be afforded access at all reasonable times:

- a) for the purposes of inspection, sampling, flow measurement, examination of records in the performance of other authorized duties;
- b) to set up on the discharger's property such devices as are necessary to conduct sampling inspections, compliance monitoring, flow measuring or metering operations;
- c) to inspect and copy any records, reports, test results or other information required to carry out the provisions of L.A.M.C. Section 64.30, the industrial wastewater permit, or other applicable laws; and
- d) to photograph any waste, waste container, vehicle, waste treatment process, discharge location, or violation discovered during an inspection.

The applicant, by accepting any permit issued, does hereby consent and agree to entry upon the premises as described herein. Any person violating this authority shall be guilty of a misdemeanor.

3. Retention of Records

- a) The industrial user shall retain records of all monitoring information, including all calibration and maintenance records, all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit and records of all data used to complete the application for this permit, for a period of at least three years from the date of the sample, measurement, report or application. This period may be extended by request of the City of Los Angeles at any time.
- b) All records that pertain to matters that are the subject of special orders or any other enforcement or litigation activities brought by the City of Los Angeles shall be retained and preserved by the industrial user until all enforcement activities have concluded and all periods of limitation with respect to any and all appeals have expired.

4. Record Contents

Records of sampling and analyses shall include the following:

- a) the date, exact place, time and methods of sampling or measurement, and sample preservation techniques or procedures;
- b) Who performed the sampling or measurements;
- c) The date(s) analyses were performed;
- d) Who performed the analyses;
- e) The analytical techniques or methods used; and
- f) The results of such analyses.

5. Falsifying Information

No person shall knowingly make any false statement, representation or certification in any application, record, report, plan or other document filed with the City of Los Angeles. In addition, no person shall tamper with or knowingly render inaccurate any monitoring device required under this permit.

The reports and other documents required to be submitted or maintained under this Industrial Wastewater Permit shall be subject to:

- a) The provisions of 18 U.S.C. Section 1001 relating to fraud and false statements;
- b) The provisions of Section 309 (c) (4) of the Clean Water Act (CWA), as amended, governing false statements, representation or certification; and
- c) The provisions of Section 309 (c) (6) of the Clean Water Act (CWA), as amended, regarding responsible corporate officers.

E. Additional Reporting Requirements**1. Notification of Planned Changes**

The industrial user shall immediately notify the Director in advance of any substantial change to the industrial user's operations or system which might alter the nature, quality, or volume of its wastewater including the listed or characteristic hazardous wastes for which the industrial user had submitted initial notification under 40 CFR 403.12(p). The Director may require that a new industrial Wastewater Permit application be filed and a new permit obtained before any planned changes take place.

2. Duty to Provide Information

The industrial user shall furnish to the Director any information which the Director may request to determine whether cause exists for modifying, revoking and reissuing or terminating this permit. The industrial user shall also furnish to the Director, upon request, copies of records required to be kept by this permit.

3. Slug/Accidental Discharge Notification

The industrial user shall notify the Director immediately or within one hour upon the occurrence of an accidental discharge of substances prohibited by L.A.M.C. Section 64.30 or any slug loads or spills that may enter the public sewer. The Director shall be notified by telephone at (323) 342-6200. The notification shall include location of discharge, date and time thereof, type of waste, including concentration and volume, and corrective action taken. The industrial user's notification of accidental cases in accordance with this section does not relieve it of other reporting requirements that arise under Local, State or Federal laws.

Within five (5) days following an accidental discharge, the industrial user shall submit to the Director a detailed written report. The report shall contain the following:

- a) A description and cause of the slug or accidental discharge, the cause(s) thereof and the impact on the industrial user's compliance status. The description should also include the location of discharge and the type, concentration and volume of waste.
- b) The duration of noncompliance, including exact dates and times of noncompliance, and if the noncompliance continues, the time by which compliance is reasonably expected to occur.
- c) All steps taken or to be taken to reduce, eliminate and prevent recurrence of such a slug discharge, accidental discharge or any other conditions of noncompliance.

4. Operating Upsets

Any industrial user that experiences an upset in operations that places the industrial user in a temporary state of noncompliance with the provisions of either this permit or with L.A.M.C. Section 64.30 shall inform the Director within 24 hours of becoming aware of the upset at (323) 342-6200.

A written follow-up report of the upset shall be filed by the industrial user with the Director within five (5) days. The report shall contain the following information:

- a) A description of the upset, the cause(s) thereof and the upset's impact on the industrial user's compliance status;
- b) The duration of noncompliance, including exact dates and times of noncompliance, and if the noncompliance continues, the time by which compliance is reasonably expected to occur; and
- c) All steps taken or to be taken to reduce, eliminate and prevent recurrence of such an upset or other conditions of noncompliance.

The report must also demonstrate that the treatment facility was being operated in a prudent and workmanlike manner.

A documented and verified operating upset shall be an affirmative defense to any enforcement action brought against the industrial user for violations attributable to the upset event.

5. Slug Discharge Control Plan

Upon request by the Bureau of Sanitation, the industrial user is required to submit a Slug Discharge Control Plan to address how the industrial user will respond to spills, bypass, and any accidental discharges that could violate any permit limits or conditions or impact the City sewer system. The plan shall contain detailed procedures to be followed by the industrial user in the event a slug discharge occurs. The Slug Discharge Control Plan must contain, at a minimum, the following:

- a) Description of sewer discharge practices, including nonroutine batch discharges;
- b) Description of stored chemicals including type and characteristic, volume, and chemical hazard classification;
- c) Procedures for promptly notifying the City of slug discharges, including any discharges that would violate a prohibition under 40 CFR 408.5(b), with procedures for follow-up written notification within five days;
- d) Any necessary procedures to prevent adverse impact from accidental spills, including inspection and maintenance of storage areas, handling and transfer of materials, loading and unloading operation, control of plant site run-off and worker training;
- e) Any necessary measures for building any containment structures or equipment; and/or
- f) Any necessary measures for controlling toxic organics (including solvents);
- g) Procedures and equipment for emergency response.

6. Notification of Hazardous Waste Discharged into POTW

Industrial users not exempt from the requirements under 40 CFR 403.12(p) shall notify the City of Los Angeles, Bureau of Sanitation; the EPA Region 9, Hazardous Waste Management Division; and the California Environmental Protection Agency, Department of Toxic Substances Control in writing of any discharge into the City of Los Angeles sewer system of a substance, which, if otherwise disposed of, would be a hazardous waste under 40 CFR part 261. The written notification shall be submitted to the City of Los Angeles Bureau of Sanitation, the EPA Region 9 and the California Environmental Protection Agency.

7. Signatory Requirements

All applications, reports or information submitted to the Director must contain the following certification statement and be signed by an authorized representative indicated below:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

An authorized representative shall mean the following:

A president, secretary, treasurer or vice-president of the corporation in charge of a principal business function or any other person who performs similar policy or decision making functions for the corporation;

- a) The manager of one or more manufacturing, production or operating facilities, provided the manager is authorized to make management decisions that govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and

initiate and direct other comprehensive measures to assure long-term environmental compliance with environmental laws and regulations; can ensure that the necessary systems are established or actions taken to gather complete and accurate information for control mechanism requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.

- b) A general partner or proprietor if the industrial user is a partnership or sole proprietorship respectively.
- c) A principal executive officer or director having responsibility for the overall operation of the discharging facility or a ranking elected official if the industrial user is a governmental entity, charitable organization or other such unincorporated entity;
- d) A representative authorized in writing by any individual designated above, if the authorization is submitted to the Director and specifies an individual or a position having responsibility for the overall operation of the facility. This includes the position of plant manager, a position of equivalent responsibility, or an individual having overall responsibility for environmental matters for the company. If an authorization under paragraph (e) is no longer accurate because a different individual or position has the responsibility for the overall operation of the facility, or overall responsibility for environmental matters of the company, a new authorization satisfying the requirements of paragraph (e) of this part must be submitted to the Director prior to, or together with, any reports to be signed by an authorized representative.

8. Annual Publication

A list of all industries which were in significant noncompliance of applicable federal pretreatment standards or other pretreatment requirements during the twelve (12) previous months shall be annually published by the Director in the largest daily newspaper within its service area. Accordingly, the industrial user is apprised that noncompliance with this permit may lead to an enforcement action and may result in publication of its name in an appropriate newspaper. For purposes of this provision, significant noncompliance is defined under 40 CFR 403.8 (f)(2)(vii).

9. Civil and Criminal Liability

Nothing in this permit shall be construed to relieve the industrial user from civil and/or criminal penalties for noncompliance under L.A.M.C. Section 64.30 or State or Federal laws and regulations.

10. Penalties for Violations of Permit Conditions

The L.A.M.C. Section 64.30 provides that any person who violates a permit condition is subject to a civil penalty in the maximum sum provided by law for each day in which such violation occurs. Any person who willfully or negligently violates permit conditions is subject to criminal penalties of up to \$1000.00 per violation per day and/or by imprisonment in the County Jail for a period of not more than six (6) months. The industrial user may also be subject to sanctions under State and/or Federal law.

11. Liability For Costs Incurred From Unlawful Discharge

Whenever any industrial user introduces or causes to be introduced wastewater in violation of this permit or the L.A.M.C. and such discharge, either singly or by interaction with other discharges, results in damage to or is otherwise detrimental to or adversely affects the P.O.T.W., the storm drain system, or any Waters of the State, said industrial user shall be liable to the City for reasonable costs necessary to correct that discharge, detriment or adverse effect, including, but not limited to labor, material, inspection, transportation, overhead, and incidental expenses associated with the corrective action. The industrial user shall additionally be liable to the City for the reasonable costs of investigation by the City arising from the unlawful discharge.

12. Civil Liability

Violation of any pretreatment standards or requirements or any term or condition or applicable compliance schedule of this permit, the industrial user shall be civilly liable to the City in a sum of not to exceed twenty-five thousand dollars (\$25,000) a day for each violation.

13. Resource Conservation Recovery Act Notification and California Hazardous Waste Control Law

It is the responsibility of all industrial facilities to ensure that the operations performed at their site comply with federal hazardous waste management regulations under subtitles C & D of the Resource Conservation and Recovery Act (RCRA) and California hazardous waste management regulations under the Hazardous Waste Control Law (Chap. 6.5, HSC, Sec. 25100 et. seq.) and California Code of Regulations (CCR), Titles 8 and 22. For information on federal and state hazardous waste regulations, contact the California Environmental Protection Agency, Department of Toxic Substances Control, Region III at (818) 531-2800.

F. Definitions

1. Best Management Practices (BMP) - Any activities, prohibitions of practices, maintenance procedures, and other management practices to prevent or reduce pollutants in discharges.
2. Bi-Monthly - Once every other month.
3. Bypass - The intentional diversion of wastes from any portion of an Industrial User's treatment facility.
4. Categorical Pretreatment Standards - Limitations on pollutant discharges to POTWs, promulgated by EPA in accordance with Section 307 of the Clean Water Act, that apply to specified process wastewaters of particular industrial categories.
5. Commercial Establishment - A private establishment such as a restaurant, hotel, laundry, store, filling station, or recreational facility. A nonprofit private or government entity such as a church, school, hospital, military facility, correctional institution recreational facility or a facility owned or operated by a charitable organization is considered a commercial establishment.
6. Commingled Load - A load of septage which includes septage generated both within and outside the City's boundaries.
7. Composite Sample - A sample that is collected over time, formed either by continuous sampling or by mixing discrete samples. The sample may be composited either as a flow proportional composite sample (collected either as a constant sample volume at time intervals proportional to stream flow or collected by increasing the volume of each aliquot as the flow increases while maintaining a constant time interval between the aliquot) or as a time composite sample (composed of discrete sample aliquot collected in one container at constant time intervals providing representative samples irrespective of stream flow).
8. Cooling Water
 - a) Uncontaminated - Water used only for cooling purposes which has no direct contact with any raw material, intermediate or final product and which does not contain a level of contaminants detectably higher than that of the intake water.
 - b) Contaminated - Water used only for cooling purposes which may become contaminated either through the use of water treatment chemicals used for corrosion inhibitors or biocides or by direct contact with process materials and/or wastewater.
9. Daily Maximum - The maximum allowable discharge of a pollutant during a calendar day. Where daily maximum limitations are expressed in units of mass, the daily discharge is the total mass discharged over the course of the day. Where daily maximum limitations are expressed in terms of a concentration, the daily discharge is the arithmetic average measurement of the pollutant concentration derived from all measurements taken that day.

10. Director - The Director of the Bureau of Sanitation of the Department of Public Works of the City of Los Angeles or the duly authorized representative thereof.
11. Domestic Septage - The liquid or solid material removed from a private sewage disposal system (PSDS), portable toilet or other holding device that receives only domestic sewage.
12. Domestic Wastewater (Domestic Sewage) - Sanitary wastewater and wastewater generated from household type operations.
13. Establishment - An economic unit, generally at a single physical location, where business is conducted or where services or industrial operations are performed.
14. Facility - All buildings, equipment, structures, and other stationary items which are located on a single site or on contiguous or adjacent sites and which are owned or operated by the same person (or by any person which controls, is controlled by, or under common control with such person) and is authorized by the City of Los Angeles to discharge industrial wastewater to the POTW. A facility may contain more than one establishment.
15. Food Service Establishment - A facility engaged in preparing food for consumption by the public such as a restaurant, commercial kitchen, caterer, hotel, school, hospital, prison, correctional facility, or care institution.
16. Four (4) - Day Average - The maximum allowable value for the average of 4 consecutive sampling days.
17. Grab Sample - An individual sample collected in less than 15 minutes, without regard for flow or time.
18. Grease Interceptor - An interceptor of at least 750 gallons (2839 L) capacity to serve one (1) or more fixtures and which shall be remotely located.
19. Grease Trap - A device designed to retain grease from one (1) to a maximum of four fixtures.
20. Industrial User - See definition for facility.
21. Industrial Wastewater - Any water bearing waste other than domestic wastewater. Wastewater generated from household type operations performed at commercial establishments for or to support commercial purposes is industrial wastewater.
22. Instantaneous Maximum - The allowable maximum concentration determined from the analysis of any discrete or composited sample collected, independent of the industrial flow rate and the duration of the sampling event.
23. Interference - A discharge which alone or in conjunction with a discharge or discharges from other sources both:
 - a) Inhibits or disrupts the POTW, its treatment processes or operations or its sludge processes, use or disposal; and
 - b) Causes a violation of any requirement of the POTW's NPDES permit (including an increase in the magnitude or duration of a violation) or prevents the use of disposal of sewage sludge. The following statutory provisions and regulations or permits issued thereunder apply (or more stringent State or Local regulations): Section 405 of the Clean Water Act, the Solid Waste Disposal Act (SWDA) (including Title II, more commonly referred to as the Resource Conservation and Recovery Act (RCRA) and including State regulations contained in any State sludge management plan prepared pursuant to Subtitle D of the SWDA), the Clean Air Act, the Toxic Substances Control Act and the Marine Protection, Research and Sanctuaries Act.

24. Monthly Average - The maximum allowable value for the average of all observations obtained during one calendar month. Compliance with the monthly average discharge limit is required regardless of the number of samples analyzed and averaged. Therefore, if only one sample is taken during the calendar month, results of the one analysis will be used to determine compliance with the monthly average.
25. Non-Domestic Septage - The liquid or solid material removed from a private sewage disposal system (PSDS) or other sanitation holding device that receives industrial wastewater or a combination of domestic and industrial wastewater.
26. Pass Through - A discharge which exits the POTW into waters of the United States in quantities or concentrations which, alone or in conjunction with a discharge or discharges from other sources, cause a violation of any requirement of the POTW's NPDES permit (including an increase in the magnitude or duration of a violation).
27. Portable Toilet - Any portable or permanently installed sanitation apparatus or system which includes a tank for toilet waste retention. Portable Toilet includes sanitation holding devices from airplanes, trains, boats with type III marine sanitation devices, buses, movie dressing room trailers, recreational vehicles, or other similar transport vehicles.
28. Private Septage Disposal Facility (PSDF) - A disposal site, other than a City designated discharge location, with a direct connection to the City sewer, which accommodates the discharge of hauled septage.
29. Publicly Owned Treatment Works (POTW) - A treatment works as defined by Section 212 of the Clean Water Act which is owned by the State or municipality. This definition includes any devices and systems used in the storage, treatment, recycling and reclamation of municipal sewage or industrial wastes of a liquid nature. It also includes sewers, pipes and other conveyances only if they convey wastewater to a POTW treatment plant.
30. Resource Conservation and Recovery Act (RCRA) - A Federal statute regulating the management of hazardous waste from its generation through ultimate disposal. The Act contains requirements for waste generators, transporters and owners and operators of treatment, storage and disposal facilities.
31. Sanitary Wastewater - Wastewater of human origin derived from toilets, urinals, showers, baths and restroom sinks.
32. Septage - The liquid or solid material removed from a private sewage disposal system (PSDS), portable toilet or other sanitation holding device that receives wastewater.
33. Septage Hauler - A person or an owner/operator of a business that holds Septage Disposal Permit(s) issued by the Director to discharge septage to the City's P.O.T.W.
34. Slug Discharge - Any discharge of a non-routine, episodic nature, including but not limited to an accidental spill or a non-customary batch discharge.
35. Total Toxic Organics (TTO) - The sum of the masses or concentrations greater than 0.01 mg/l of the specific toxic organic compounds regulated by specific categorical pretreatment regulations which is found in the discharge at specific quantifiable concentrations.
36. Type III Marine Sanitation Device - A device that is designed to prevent the overboard discharge of treated or untreated domestic sewage.
37. Upset - An exceptional incident in which there is unintentional and temporary noncompliance with technology based permit effluent limitations because of factors beyond the reasonable control of the industrial user, excluding such factors as operational error, improperly designed or inadequate treatment facilities or improper operation and maintenance or lack thereof.

Water Boards Storm Water Multiple Application Report Tracking System 2[Help](#)

You are logged-in as: Mike Canzoneri - Hehr International
If this account does not belong to you, please log out.

Storm Water Annual Report Monitoring (SWARM)

Facility Name:	Hehr International	Agency:	Hehr International
WDID ID:	4 19I000759	SIC Code(s):	3442-Metal Doors, Sash, Frames, Molding Manufacturing
Reporting Period	2011-12Change Period	Report Status:	Submitted

[General Info](#) [Sampling](#) [Mon Locs](#) [Raw Data](#) [Data Summary](#) [Quarterly](#) [Monthly](#) [Evaluation](#) [Attachments](#) [Certify](#)
[Back To NOI Summary](#)

Your electronic Annual Report has been successfully received by the State Water Resources Control Board's database and is here! confirmation information for this certification is as follows:

WDID	4 19I000759
Reporting Period	2011-12
Certifier Name	Louis Casella
Certifier Title	Maintenance Supervisor
Date Certified	06/27/2012
Certification ID	745954

records must be retained for 5 years from the date of the report or monitoring activity.

[Print Annual Report](#)

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Mike Canzoneri - 01

From: smarts@waterboards.ca.gov
Sent: Tuesday, August 02, 2011 9:34 AM
To: Mike Canzoneri - 01
Cc: r4_stormwater@waterboards.ca.gov
Subject: Storm Water Documents(Annual Report) submitted to State Water Board

Hehr International
3333 Casitas Ave
Los Angeles CA 90039

WDID: 4 19I000759
Application Id: 188683
Permit Type: Industrial
Status: Submitted
Submission Date: 08/02/2011

Your ANNUAL REPORT with the above details was submitted to the Water Boards.

Water Boards will be reviewing the submitted documents. To view the status of this application, please login to your account at: <https://smarts.waterboards.ca.gov/>

If you have any questions, please contact the SMARTS Help Center at stormwater@waterboards.ca.gov or 1-866-563-3107.
You can also contact the Regional Water Board at r4_stormwater@waterboards.ca.gov.

Thank you,
Storm Water Section

Information from ESET NOD32 Antivirus, version of virus signature database 6344
(20110802)

The message was checked by ESET NOD32 Antivirus.

<http://www.eset.com>



INVOICE

Annual Permit Fees Required by Sections 13260 & 13269
of the California Water Code

FACILITY ID (WDID): 4 191000759
FACILITY NAME: HEHR INTERNATIONAL
3333 CASITAS AVE
LOS ANGELES, CA 90039

INVOICE NO: SW-0045963
BILLING PERIOD: 04/01/12 - 03/31/13
INVOICE DATE: 4/10/2012
INDEX NO: 155488

*COPY
Original
to Shannon
4/17/12*

Total Amount Due by
Thursday, May 10, 2012

\$ 1,359.00

HEHR INTERNATIONAL
MIKE CANZONERI
3333 CASITAS AVE
LOS ANGELES, CA 90039

Invoice details are shown on the back

STATE WATER RESOURCES CONTROL BOARD Annual Permit Fee

Facility ID: 4 191000759

RM #: 188683

Billing Period: 04/01/12 - 03/31/13

Invoice No: SW-0045963

Amount Due:

\$ 1,359.00

Due By: Thursday, May 10, 2012

PLEASE REMIT YOUR PAYMENT ON OR BEFORE THE DUE DATE SHOWN ABOVE. LATE PAYMENT COULD RESULT IN
PENALTIES UNDER PROVISIONS OF THE WATER CODE SECTION 13261. THESE ACTIONS COULD INCLUDE DAILY
PENALTIES IN ADDITION TO YOUR FEE OR OTHER ACTIONS DEEMED APPROPRIATE BY THE REGIONAL BOARD.

PLEASE NOTE THAT TRANSFER OF OWNERSHIP OR RELOCATION OF THE FACILITY REQUIRE A NEW STORM WATER
PERMIT. IF YOUR FACILITY IS CLOSED OR PROJECT COMPLETED, PLEASE FILE A NOTICE OF TERMINATION.

Make your check payable to SWRCB FEES

If you have any questions about this invoice, please call the Water Board at 916-341-5247.
For more information, please visit our website at <http://www.waterboards.ca.gov/resources/fees/>



Retain this portion for your records

Please detach and return this portion with your payment

☐ CHECK HERE FOR ADDRESS CORRECTION ON THE BACK

INVOICE NO: SW-0045963

INDEX NO: 155488

(Please print the above number on check or money order)

RM #: 188683

HEHR INTERNATIONAL
MIKE CANZONERI
3333 CASITAS AVE
LOS ANGELES, CA 90039
(323) 663-1261

SWRCB
PO BOX 1888
SACRAMENTO, CA 95812-1888

AMOUNT DUE: \$1,359.00
BILLING PERIOD: 04/01/12 - 03/31/13
DUE BY: 5/10/12
FACILITY ID (WDID): 4 191000759
FACILITY NAME: HEHR INTERNATIONAL
3333 CASITAS AVE
LOS ANGELES, CA 90039

State of California
STATE WATER RESOURCES CONTROL BOARD

2010 2011
ANNUAL REPORT

FOR
STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

Reporting Period July 1, 2010 through June 30, 2011

An annual report is required to be submitted to your local Regional Water Quality Control Board (Regional Board) by July 1 of each year. This document must be certified and signed, under penalty of perjury, by the appropriate official of your company. Many of the Annual Report questions require an explanation. Please provide explanations on a separate sheet as an attachment. **Retain a copy of the completed Annual Report for your records.**

Please circle or highlight any information contained in Items A, B, and C below that is new or revised so we can update our records. Please remember that a Notice of Termination and new Notice of Intent are required whenever a facility operation is relocated or changes ownership.

If you have any questions, please contact your Regional Board Industrial Storm Water Permit Contact. The names, telephone numbers and e-mail addresses of the Regional Board contacts, as well as the Regional Board office addresses can be found at <http://www.swrcb.ca.gov/stormwtr/contact.html>. To find your Regional Board information, match the first digit of your WDID number with the corresponding number that appears in parenthesis on the first line of each Regional Board office.

GENERAL INFORMATION:

A. Facility Information:

Facility WDID No: 4 19I000759

Facility Business Name: Hehr International

Contact Person: Mike Canzoneri

Physical Address: 3333 Casitas Ave

e-mail: mcanzoneri@hehrintl.com

City: Los Angeles

CA Zip: 90039 Phone: 323-663-1261

SIC Code(s): 3442-Metal Doors, Sash, Frames, Molding, and Trim Manufacturing

B. Facility Operator Information:

Contact Person: Mike Canzoneri

Operator Name: Hehr International

e-mail: mcanzoneri@hehrintl.com

Mailing Address: 3333 Casitas Ave

State: CA Zip: 90039 Phone: 323-663-1261

City: Los Angeles

C. Facility Billing Information:

Contact Person: _____

Operator Name: _____

e-mail: _____

Mailing Address: _____

State: _____ Zip: _____

City: _____

Phone: _____

4. For each storm event sampled, did you collect and analyze a sample from each of the facility's storm water discharge locations? ☒ YES, go to Item E.6 ☐ NO
5. Was sample collection or analysis reduced in accordance with Section B.7.d of the General Permit? ☐ YES ☐ NO, attach explanation
- If "YES", attach documentation supporting your determination that two or more drainage areas are substantially identical.
- Date facility's drainage areas were last evaluated _____
6. Were all samples collected during the first hour of discharge? ☒ YES ☐ NO, attach explanation
7. Was all storm water sampling preceded by three (3) working days without a storm water discharge? ☒ YES ☐ NO, attach explanation
8. Were there any discharges of stormwater that had been temporarily stored or contained? (such as from a pond) ☐ YES ☒ NO, go to Item E.10
9. Did you collect and analyze samples of temporarily stored or contained storm water discharges from two storm events? (or one storm event if you checked item D.2.i or iii, above) ☐ YES ☐ NO, attach explanation
10. Section B.5. of the General Permit requires you to analyze storm water samples for pH, Total Suspended Solids (TSS), Specific Conductance (SC), Total Organic Carbon (TOC) or Oil and Grease (O&G), other pollutants likely to be present in storm water discharges in significant quantities, and analytical parameters listed in Table D of the General Permit.
- a. Does Table D contain any additional parameters related to your facility's SIC code(s)? ☐ YES ☒ NO, Go to Item E.11
- b. Did you analyze all storm water samples for the applicable parameters listed in Table D? ☐ YES ☐ NO
- c. If you did not analyze all storm water samples for the applicable Table D parameters, check one of the following reasons:
- _____ In prior sampling years, the parameter(s) have not been detected in significant quantities from two consecutive sampling events. **Attach explanation**
- _____ The parameter(s) is not likely to be present in storm water discharges and authorized non-storm water discharges in significant quantities based upon the facility operator's evaluation. **Attach explanation**
- _____ Other. **Attach explanation**
11. For each storm event sampled, attach a copy of the laboratory analytical reports and report the sampling and analysis results using Form 1 or its equivalent. The following must be provided for each sample collected:
- Date and time of sample collection
 - Name and title of sampler.
 - Parameters tested.
 - Name of analytical testing laboratory.
 - Discharge location identification.
 - Testing results.
 - Test methods used.
 - Test detection limits.
 - Date of testing.
 - Copies of the laboratory analytical results.

G. MONTHLY WET SEASON VISUAL OBSERVATIONS

Section B.4.a of the General Permit requires you to conduct monthly visual observations of storm water discharges at all storm water discharge locations during the wet season. These observations shall occur during the first hour of discharge or, in the case of temporarily stored or contained storm water, at the time of discharge.

1. Indicate below whether monthly visual observations of storm water discharges occurred at all discharge locations. **Attach an explanation for any "NO" answers.** Include in this explanation whether any eligible storm events occurred during scheduled facility operating hours that did not result in a storm water discharge, and provide the date, time, name and title of the person who observed that there was no storm water discharge.

	YES	NO		YES	NO
October	<input type="checkbox"/>	<input checked="" type="checkbox"/>	February	<input type="checkbox"/>	<input checked="" type="checkbox"/>
November	<input type="checkbox"/>	<input checked="" type="checkbox"/>	March	<input type="checkbox"/>	<input checked="" type="checkbox"/>
December	<input type="checkbox"/>	<input checked="" type="checkbox"/>	April	<input type="checkbox"/>	<input checked="" type="checkbox"/>
January	<input type="checkbox"/>	<input checked="" type="checkbox"/>	May	<input type="checkbox"/>	<input checked="" type="checkbox"/>

2. Report monthly wet season visual observations using Form 4 or provide the following information.

- a. date, time, and location of observation
- b. name and title of observer
- c. characteristics of the discharge (i.e., odor, color, etc.) and source of any pollutants observed.
- d. any new or revised BMPs necessary to reduce or prevent pollutants in storm water discharges. Provide new or revised BMP implementation date.

ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION (ACSCE)

H. ACSCE CHECKLIST

Section A.9 of the General Permit requires the facility operator to conduct one ACSCE in each reporting period (July 1-June 30). Evaluations must be conducted within 8-16 months of each other. The SWPPP and monitoring program shall be revised and implemented, as necessary, within 90 days of the evaluation. The checklist below includes the minimum steps necessary to complete a ACSCE. Indicate whether you have performed each step below. **Attach an explanation for any "NO" answers.**

1. Have you inspected all potential pollutant sources and industrial activities areas? ☒ YES ☐ NO
The following areas should be inspected:

- areas where spills and leaks have occurred during the last year.
- outdoor wash and rinse areas.
- process/manufacturing areas.
- loading, unloading, and transfer areas.
- waste storage/disposal areas.
- dust/particulate generating areas.
- erosion areas.
- building repair, remodeling, and construction
- material storage areas
- vehicle/equipment storage areas
- truck parking and access areas
- rooftop equipment areas
- vehicle fueling/maintenance areas
- non-storm water discharge generating areas

2. Have you reviewed your SWPPP to assure that its BMPs address existing potential pollutant sources and industrial activities areas? ☒ YES ☐ NO

3. Have you inspected the entire facility to verify that the SWPPP's site map, is up-to-date? The following site map items should be verified: ☒ YES ☐ NO

- facility boundaries
- outline of all storm water drainage areas
- areas impacted by run-on
- storm water discharges locations.
- storm water collection and conveyance system
- structural control measures such as catch basins, berms, containment areas, oil/water separators, etc.

ANNUAL REPORT CERTIFICATION

I am duly authorized to sign reports required by the INDUSTRIAL ACTIVITIES WORM WATER GENERAL PERMIT (see Standard Provision C.9) and I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those person directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Printed Name: Mike Canzoneri
Signature: M. Canzoneri Date: 8/2/11
Title: General Manager

2010-2011

ANNUAL REPORT**FORM 1 - SAMPLING & ANALYSIS RESULTS**

Monitoring Location	Sample Date / Time	Discharge Time	Sample Collector Name, Title	Parameter	Result	Units	Analytical Method	Method Detection Limit	Analyzed By
Monloc 1 at receiving	10/06/2010 08:30	08:00	Louis Casella, Maintenance Supervisor	Electrical Conductivity @ 25 Deg. C	=189	umhos/cm	E120.1		LAB
Monloc 1 at receiving	10/06/2010 08:30	08:00	Louis Casella, Maintenance Supervisor	Oil and Grease	=0	mg/L	E1664A		LAB
Monloc 1 at receiving	10/06/2010 08:30	08:00	Louis Casella, Maintenance Supervisor	pH	=6.89	SU	A4500HB		LAB
Monloc 1 at receiving	10/06/2010 08:30	08:00	Louis Casella, Maintenance Supervisor	Total Suspended Solids (TSS)	=22	mg/L	A2540D		LAB

2010-2011

ANNUAL REPORT**FORM 3 - QUARTERLY VISUAL OBSERVATIONS OF UNAUTHORIZED
NON-STORM WATER DISCHARGES (NSWDs)**

Quarter	Date/Time(HH:MM)	Observer Name	Observer Title	Unauthorized NSWDS Observed?	Indications of Prior Unauthorized NSWDS?
July - Sept					

Source and Location of Unauthorized NSWSD	Name of Unauthorized NSWSD	Unauthorized NSWSD Characteristics at Source	Unauthorized NSWSD Characteristics at Drainage Area and Discharge Location	Corrective Actions to Eliminate Unauthorized NSWSD and Elimination Date
---	----------------------------	--	--	---

Quarter	Date/Time(HH:MM)	Observer Name	Observer Title	Unauthorized NSWDS Observed?	Indications of Prior Unauthorized NSWDS?
Oct - Dec					

Source and Location of Unauthorized NSWSD	Name of Unauthorized NSWSD	Unauthorized NSWSD Characteristics at Source	Unauthorized NSWSD Characteristics at Drainage Area and Discharge Location	Corrective Actions to Eliminate Unauthorized NSWSD and Elimination Date
---	----------------------------	--	--	---

Quarter	Date/Time(HH:MM)	Observer Name	Observer Title	Unauthorized NSWDS Observed?	Indications of Prior Unauthorized NSWDS?
Jan - Mar					

Source and Location of Unauthorized NSWSD	Name of Unauthorized NSWSD	Unauthorized NSWSD Characteristics at Source	Unauthorized NSWSD Characteristics at Drainage Area and Discharge Location	Corrective Actions to Eliminate Unauthorized NSWSD and Elimination Date
---	----------------------------	--	--	---

Quarter	Date/Time(HH:MM)	Observer Name	Observer Title	Unauthorized NSWDS Observed?	Indications of Prior Unauthorized NSWDS?
Apr - Jun					

Source and Location of Unauthorized NSWSD	Name of Unauthorized NSWSD	Unauthorized NSWSD Characteristics at Source	Unauthorized NSWSD Characteristics at Drainage Area and Discharge Location	Corrective Actions to Eliminate Unauthorized NSWSD and Elimination Date
---	----------------------------	--	--	---

2010-2011

ANNUAL REPORT

**FORM 5 - ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY BMP STATUS**

Evaluation Date:		Inspector Name:		Title:	
Potential Pollutant Source/Industrial Activity Area	Are any BMPs Not Fully Implemented?	Are Additional/Revised BMPs Necessary?	Deficiencies in BMPs or BMP implementation	Additional/Revised BMPs or Corrective Actions and their date(s) of Implementation	

Water Boards Storm Water Multiple Application Report Tracking System 2

[Help](#)[Logout](#)

You are logged-in as: Mike Canzoneri - Hehr International
If this account does not belong to you, please log out.

Navigate To:

Storm Water Annual Report Monitoring (SWARM)

Facility Name:	Hehr International	Agency:	Hehr International
WDID ID:	4 191000759	SIC Code(s):	3442-Metal Doors, Sash, Frames, Molding, and Trim Manufacturing
Reporting Period	2010-11Change Period	Report Status:	Submitted

[General Info](#) [Sampling](#) [Mon Locs](#) [Raw Data](#) [Data Summary](#) [Quarterly](#) [Monthly](#) [Evaluation](#) [Attachments](#) [Certify](#)[Back To NOI Summary](#)

Your electronic Annual Report has been successfully received by the State Water Resources Control Board's database and is hereby certified. Your confirmation information for this certification is as follows:

WDID	4 191000759
Reporting Period	2010-11
Certifier Name	Mike Canzoneri
Certifier Title	General Manager
Date Certified	08/02/2011
Certification ID	148327

All records must be retained for 5 years from the date of the report or monitoring activity.

[Print Annual Report](#)

Mike Canzoneri - 01

From: smarts@waterboards.ca.gov
Sent: Tuesday, August 02, 2011 9:34 AM
To: Mike Canzoneri - 01
Cc: r4_stormwater@waterboards.ca.gov
Subject: Storm Water Documents(Annual Report) submitted to State Water Board

Hehr International
3333 Casitas Ave
Los Angeles CA 90039

WDID: 4 19I000759
Application Id: 188683
Permit Type: Industrial
Status: Submitted
Submission Date: 08/02/2011

Your ANNUAL REPORT with the above details was submitted to the Water Boards

Water Boards will be reviewing the submitted documents. To view the status of this application, please login to your account at: <https://smarts.waterboards.ca.gov/>

If you have any questions, please contact the SMARTS Help Center at stormwater@waterboards.ca.gov or 1-866-563-3107.

You can also contact the Regional Water Board at r4_stormwater@waterboards.ca.gov.

Thank you,
Storm Water Section

Information from ESET NOD32 Antivirus, version of virus signature database 6344
(20110802)

The message was checked by ESET NOD32 Antivirus.

<http://www.eset.com>

~~2010-2012~~

**FORM 4 - MONTHLY VISUAL OBSERVATIONS OF
STORM WATER DISCHARGES**

[illegible]



AMERICAN SCIENTIFIC LABORATORIES, LLC

Environmental Testing Services

2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

ANALYTICAL RESULTS

Ordered By

Hehr International Inc.
3333 Casitas Ave.
Los Angeles, CA 90039

Telephone: (323)663-1261

Attn: Louis Casella

Page: 2

Project ID: STORMWATER

ASL Job Number	Submitted	Client
47282	10/06/2010	HEHR

Method: 120.1, Specific Conductance

QC Batch No: 100710-1

Our Lab I.D.		258901				
Client Sample I.D.		SW 10/06/10				
Date Sampled		10/06/2010				
Date Prepared		10/07/2010				
Preparation Method						
Date Analyzed		10/07/2010				
Matrix		Stormwater				
Units		umhos/cm				
Dilution Factor		1				
Analytes	PQL	Results				
Conventionals						
Conductivity (umho/cm @77F)	1.00	189				

QUALITY CONTROL REPORT

QC Batch No: 100710-1

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Conventionals										
Conductivity (umho/cm @77F)	98	97	1.0	80-120	<20					



AMERICAN SCIENTIFIC LABORATORIES, LLC

Environmental Testing Services

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ANALYTICAL RESULTS

Ordered By

Hehr International Inc.
3333 Casitas Ave.
Los Angeles, CA 90039

Telephone: (323) 663-1261

Attn: Louis Casella

Page: 3

Project ID: STORMWATER

ASL Job Number	Submitted	Client
47282	10/06/2010	HEHR

Method: 1664, Revision A, Oil and Grease (HEM)

QC Batch No: 100610-1

Our Lab I.D.		258901				
Client Sample I.D.		SW 10/06/10				
Date Sampled		10/06/2010				
Date Prepared		10/06/2010				
Preparation Method						
Date Analyzed		10/06/2010				
Matrix		Stormwater				
Units		mg/L				
Dilution Factor		1				
Analytes	POL	Results				
Conventional						
Oil and Grease	5.00	ND				

QUALITY CONTROL REPORT

QC Batch No: 100610-1

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit				
Conventional									
Oil and Grease	92	93	1.1	80-120	<20				



AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

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ANALYTICAL RESULTS

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3333 Casitas Ave.
Los Angeles, CA 90039

Telephone: (323)663-1261

Attn: Louis Casella

Page: 4

Project ID: STORMWATER

ASL Job Number	Submitted	Client
47282	10/06/2010	HEHR

Method: SM2540-D, Total Suspended Solids (TSS)

QC Batch No: 100610-1

Our Lab I.D.		258901				
Client Sample I.D.		SW 10/06/10				
Date Sampled		10/06/2010				
Date Prepared		10/06/2010				
Preparation Method						
Date Analyzed		10/06/2010				
Matrix		Stormwater				
Units		mg/L				
Dilution Factor		1				
Analytes	PQL	Results				
Conventionals						
Solids, Total Suspended (TSS)	10.0	22.0				

QUALITY CONTROL REPORT

QC Batch No: 100610-1

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Conventionals										
Solids, Total Suspended (TSS)	105	107	1.9	80-120	20					



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ANALYTICAL RESULTS

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Hehr International Inc.
3333 Casitas Ave.
Los Angeles, CA 90039

Telephone: (323) 663-1261

Attn: Louis Casella

Page: 5

Project ID: STORMWATER

ASL Job Number	Submitted	Client
47282	10/06/2010	HEHR

Method: SM4500-H-B, pH (Electrometric Method)

QC Batch No: 100610-1

Our Lab I.D.		258901				
Client Sample I.D.		SW 10/06/10				
Date Sampled		10/06/2010				
Date Prepared		10/06/2010				
Preparation Method						
Date Analyzed		10/06/2010				
Matrix		Stormwater				
Units		pH Units				
Dilution Factor		1				
Analytes	PQL	Results				
Conventional						
pH	1.00	6.89				

QUALITY CONTROL REPORT

QC Batch No: 100610-1

	LCS	LCS DUP	LCS RPD	LCS/LCSD	LCS RPD					
Analytes	% REC	% REC	% REC	% Limit	% Limit					
Conventional										
pH	100	100	<1	95-105	10					



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4/17/12*

HEHR INTERNATIONAL
MIKE CANZONERI
3333 CASITAS AVE
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Storm Water Annual Report Monitoring (SWARM)

Facility Name:	Hehr International	Agency:	Hehr International
WDID ID:	4 191000759	SIC Code(s):	3442-Metal Doors, Sash, Frames, Molding Manufacturing
Reporting Period	2011-12 Change Period	Report Status:	Submitted

[General Info](#) [Sampling](#) [Mon Locs](#) [Raw Data](#) [Data Summary](#) [Quarterly](#) [Monthly](#) [Evaluation](#) [Attachments](#) [Certify](#)

[Back To NOI Summary](#)

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WDID	4 191000759
Reporting Period	2011-12
Certifier Name	Louis Casella
Certifier Title	Maintenance Supervisor
Date Certified	08/27/2012
Certification ID	745954

records must be retained for 5 years from the date of the report or monitoring activity.

[Print Annual Report](#)

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Mike Canzoneri - 01

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Sent: Tuesday, August 02, 2011 9:34 AM
To: Mike Canzoneri - 01
Cc: r4_stormwater@waterboards.ca.gov
Subject: Storm Water Documents(Annual Report) submitted to State Water Board

Hehr International
3333 Casitas Ave
Los Angeles CA 90039

WDID: 4 19I000759
Application Id: 188683
Permit Type: Industrial
Status: Submitted
Submission Date: 08/02/2011

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<http://www.eset.com>

State of California
STATE WATER RESOURCES CONTROL BOARD

2011 2012
ANNUAL REPORT

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STORM WATER DISCHARGES ASSOCIATED
WITH INDUSTRIAL ACTIVITIES

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City: Los Angeles

SIC Code(s): 3442-Metal Doors, Sash, Frames, Molding, and Trim Manufacturing

Facility WDID No: 4 19I000759

Contact Person: Mike Canzoneri

e-mail: mcanzoneri@hehrintl.com

CA Zip: 90039 Phone: 323-663-1261

B. Facility Operator Information:

Operator Name: Hehr International

Mailing Address: 3333 Casitas Ave

City: Los Angeles

Contact Person: Mike Canzoneri

e-mail: mcanzoneri@hehrintl.com

State: CA Zip: 90039 Phone: 323-663-1261

C. Facility Billing Information:

Operator Name: _____

Mailing Address: _____

City: _____

Contact Person: _____

e-mail: _____

State: _____ Zip: _____ Phone: _____

SPECIFIC INFORMATION

MONITORING AND REPORTING PROGRAM

D. SAMPLING AND ANALYSIS EXEMPTIONS AND REDUCTIONS

1. For the reporting period, was your facility exempt from collecting and analyzing samples from two storm events in accordance with sections B.12 or 15 of the General Permit?

☐ **YES** Go to Item D.2

☒ **NO** Go to Section E

2. Indicate the reason your facility is exempt from collecting and analyzing samples from two storm events. Attach a copy of the first page of the appropriate certification if you check boxes ii, iii, iv, or v.

i. ☐ Participating in an Approved Group Monitoring Plan

Group Name: _____

ii. ☐ Submitted No Exposure Certification (NEC)

Date Submitted: _____

Re-evaluation Date: _____

Does facility continue to satisfy NEC conditions?

☐ **YES**

☐ **NO**

iii. ☐ Submitted Sampling Reduction Certification (SRC)

Date Submitted: _____

Re-evaluation Date: _____

Does facility continue to satisfy SRC conditions?

☐ **YES**

☐ **NO**

iv. ☐ Received Regional Board Certification

Certification Date: _____

v. ☐ Received Local Agency Certification

Certification Date: _____

3. If you checked boxes i or iii above, were you scheduled to sample one storm event during the reporting year?

☐ **YES** Go to Section E

☐ **NO** Go to Section F

4. If you checked boxes ii, iv, or v, go to Section F.

E. SAMPLING AND ANALYSIS RESULTS

1. How many storm events did you sample? 2

If less than 2, attach explanation (if you checked item D.2.i or iii. above, only attach explanation if you answer "0").

2. Did you collect storm water samples from the first storm of the wet season that produced a discharge during scheduled facility operating hours? (Section B.5 of the General Permit)

☒ **YES**

☐ **NO**, attach explanation (Please note that if you do not sample the first storm event, you are still required to sample 2 storm events)

3. How many storm water discharge locations are at your facility? 1

4. For each storm event sampled, did you collect and analyze a sample from each of the facility's storm water discharge locations? ☒ YES, go to Item E.6 ☐ NO
5. Was sample collection or analysis reduced in accordance with Section B.7.d of the General Permit? ☐ YES ☐ NO, attach explanation
- If "YES", attach documentation supporting your determination that two or more drainage areas are substantially identical.
- Date facility's drainage areas were last evaluated _____
6. Were all samples collected during the first hour of discharge? ☒ YES ☐ NO, attach explanation
7. Was all storm water sampling preceded by three (3) working days without a storm water discharge? ☒ YES ☐ NO, attach explanation
8. Were there any discharges of stormwater that had been temporarily stored or contained? (such as from a pond) ☐ YES ☒ NO, go to Item E.10
9. Did you collect and analyze samples of temporarily stored or contained storm water discharges from two storm events? (or one storm event if you checked item D.2.i or iii. above) ☐ YES ☐ NO, attach explanation
10. Section B.5. of the General Permit requires you to analyze storm water samples for pH, Total Suspended Solids (TSS), Specific Conductance (SC), Total Organic Carbon (TOC) or Oil and Grease (O&G), other pollutants likely to be present in storm water discharges in significant quantities, and analytical parameters listed in Table D of the General Permit.
- a. Does Table D contain any additional parameters related to your facility's SIC code(s)? ☐ YES ☒ NO, Go to Item E.11
- b. Did you analyze all storm water samples for the applicable parameters listed in Table D? ☐ YES ☐ NO
- c. If you did not analyze all storm water samples for the applicable Table D parameters, check one of the following reasons:
- _____ In prior sampling years, the parameter(s) have not been detected in significant quantities from two consecutive sampling events. **Attach explanation**
- _____ The parameter(s) is not likely to be present in storm water discharges and authorized non-storm water discharges in significant quantities based upon the facility operator's evaluation. **Attach explanation**
- _____ Other. **Attach explanation**
11. For each storm event sampled, attach a copy of the laboratory analytical reports and report the sampling and analysis results using Form 1 or its equivalent. The following must be provided for each sample collected:
- Date and time of sample collection
 - Name and title of sampler.
 - Parameters tested.
 - Name of analytical testing laboratory.
 - Discharge location identification.
 - Testing results.
 - Test methods used.
 - Test detection limits.
 - Date of testing.
 - Copies of the laboratory analytical results.

F. QUARTERLY VISUAL OBSERVATIONS

1. Authorized Non-Storm Water Discharges

Section B.3.b of the General Permit requires quarterly visual observations of all authorized non-storm water discharges and their sources.

- a. Do authorized non-storm water discharges occur at your facility?

☐ YES

☒ NO Go to Item F.2

- b. Indicate whether you visually observed all authorized non-storm water discharges and their sources during the quarters when they were discharged. Attach an explanation for any "NO" answers. Indicate "N/A" for quarters without any authorized non-storm water discharges.

July-September ☐ YES ☐ NO ☒ N/A

October-December ☐ YES ☐ NO ☒ N/A

January-March ☐ YES ☐ NO ☒ N/A

April-June ☐ YES ☐ NO ☒ N/A

- c. Use Form 2 to report quarterly visual observations of authorized non-storm water discharges or provide the following information.

- i. name of each authorized non-storm water discharge
- ii. date and time of observation
- iii. source and location of each authorized non-storm water discharge
- iv. characteristics of the discharge at its source and impacted drainage area/discharge location
- v. name, title, and signature of observer
- vi. any new or revised BMPs necessary to reduce or prevent pollutants in authorized non-storm water discharges. Provide new or revised BMP implementation date.

2. Unauthorized Non-Storm Water Discharges

Section B.3.a of the General Permit requires quarterly visual observations of all drainage areas to detect the presence of unauthorized non-storm water discharges and their sources.

- a. Indicate whether you visually observed all drainage areas to detect the presence of unauthorized non-storm water discharges and their sources. Attach an explanation for any "NO" answers.

July-September ☒ YES ☐ NO ☐ N/A

October-December ☒ YES ☐ NO ☐ N/A

January-March ☒ YES ☐ NO ☐ N/A

April-June ☒ YES ☐ NO ☐ N/A

- b. Based upon the quarterly visual observations, were any unauthorized non-storm water discharges detected?

☐ YES

☒ NO Go to item F.2.d

- c. Have each of the unauthorized non-storm water discharges been eliminated or permitted?

☐ YES

☐ NO Attach explanation

- d. Use Form 3 to report quarterly unauthorized non-storm water discharge visual observations or provide the following information.

- i. name of each unauthorized non-storm water discharge.
- ii. date and time of observation.
- iii. source and location of each unauthorized non-storm water discharge.
- iv. characteristics of the discharge at its source and impacted drainage area/discharge location.
- v. name, title, and signature of observer.
- vi. any corrective actions necessary to eliminate the source of each unauthorized non-storm water discharge and to clean impacted drainage areas. Provide date unauthorized non-storm water discharge(s) was eliminated or scheduled to be eliminated.

G. MONTHLY WET SEASON VISUAL OBSERVATIONS

Section B.4.a of the General Permit requires you to conduct monthly visual observations of storm water discharges at all storm water discharge locations during the wet season. These observations shall occur during the first hour of discharge or, in the case of temporarily stored or contained storm water, at the time of discharge.

1. Indicate below whether monthly visual observations of storm water discharges occurred at all discharge locations. Attach an explanation for any "NO" answers. Include in this explanation whether any eligible storm events occurred during scheduled facility operating hours that did not result in a storm water discharge, and provide the date, time, name and title of the person who observed that there was no storm water discharge.

	YES	NO		YES	NO
October	<input checked="" type="checkbox"/>	<input type="checkbox"/>	February	<input type="checkbox"/>	<input checked="" type="checkbox"/>
November	<input checked="" type="checkbox"/>	<input type="checkbox"/>	March	<input type="checkbox"/>	<input checked="" type="checkbox"/>
December	<input type="checkbox"/>	<input checked="" type="checkbox"/>	April	<input type="checkbox"/>	<input checked="" type="checkbox"/>
January	<input type="checkbox"/>	<input checked="" type="checkbox"/>	May	<input type="checkbox"/>	<input checked="" type="checkbox"/>

2. Report monthly wet season visual observations using Form 4 or provide the following information.

- date, time, and location of observation
- name and title of observer
- characteristics of the discharge (i.e., odor, color, etc.) and source of any pollutants observed.
- any new or revised BMPs necessary to reduce or prevent pollutants in storm water discharges. Provide new or revised BMP implementation date.

ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION (ACSCE)

H. ACSCE CHECKLIST

Section A.9 of the General Permit requires the facility operator to conduct one ACSCE in each reporting period (July 1-June 30). Evaluations must be conducted within 8-16 months of each other. The SWPPP and monitoring program shall be revised and implemented, as necessary, within 90 days of the evaluation. The checklist below includes the minimum steps necessary to complete a ACSCE. Indicate whether you have performed each step below. Attach an explanation for any "NO" answers.

1. Have you inspected all potential pollutant sources and industrial activities areas? ☒ YES ☐ NO
The following areas should be inspected:
- areas where spills and leaks have occurred during the last year.
 - outdoor wash and rinse areas.
 - process/manufacturing areas.
 - loading, unloading, and transfer areas.
 - waste storage/disposal areas.
 - dust/particulate generating areas.
 - erosion areas.
 - building repair, remodeling, and construction
 - material storage areas
 - vehicle/equipment storage areas
 - truck parking and access areas
 - rooftop equipment areas
 - vehicle fueling/maintenance areas
 - non-storm water discharge generating areas
2. Have you reviewed your SWPPP to assure that its BMPs address existing potential pollutant sources and industrial activities areas? ☒ YES ☐ NO
3. Have you inspected the entire facility to verify that the SWPPP's site map, is up-to-date? The following site map items should be verified: ☒ YES ☐ NO
- facility boundaries
 - outline of all storm water drainage areas
 - areas impacted by run-on
 - storm water discharges locations
 - storm water collection and conveyance system
 - structural control measures such as catch basins, berms, containment areas, oil/water separators, etc.

4. Have you reviewed all General Permit compliance records generated since the last annual evaluation?

☒ YES

☐ NO

The following records should be reviewed:

- quarterly authorized non-storm water discharge visual observations
- monthly storm water discharge visual observation
- records of spills/leaks and associated clean-up/response activities
- quarterly unauthorized non-storm water discharge visual observations
- Sampling and Analysis records
- preventative maintenance inspection and maintenance records

5. Have you reviewed the major elements of the SWPPP to assure compliance with the General Permit?

☒ YES

☐ NO

The following SWPPP items should be reviewed:

- pollution prevention team
- list of significant materials
- description of potential pollutant sources
- assessment of potential pollutant sources
- identification and description of the BMPs to be implemented for each potential pollutant source

6. Have you reviewed your SWPPP to assure that a) the BMPs are adequate in reducing or preventing pollutants in storm water discharges and authorized non-storm water discharges, and b) the BMPs are being implemented?

☒ YES

☐ NO

The following BMP categories should be reviewed:

- good housekeeping practices
- spill response
- employee training
- erosion control
- quality assurance
- preventative maintenance
- material handling and storage practices
- waste handling/storage
- structural BMPs

7. Has all material handling equipment and equipment needed to implement the SWPPP been inspected?

☒ YES

☐ NO

I. ACSCE EVALUATION REPORT

The facility operator is required to provide an evaluation report that includes:

- identification of personnel performing the evaluation
- the date(s) of the evaluation
- necessary SWPPP revisions
- schedule for implementing SWPPP revisions
- any incidents of non-compliance and the corrective actions taken.

Use Form 5 to report the results of your evaluation or develop an equivalent form.

J. ACSCE CERTIFICATION

The facility operator is required to certify compliance with the Industrial Activities Storm Water General Permit. To certify compliance, both the SWPPP and Monitoring Program must be up to date and be fully implemented.

Based upon your ACSCE, do you certify compliance with the Industrial Activities Storm Water General Permit?

☒ YES

☐ NO

If you answered "NO" attach an explanation to the ACSCE Evaluation Report why you are not in compliance with the Industrial Activities Storm Water General Permit.

ANNUAL REPORT CERTIFICATION

I am duly authorized to sign reports required by the INDUSTRIAL ACTIVITIES STORM WATER GENERAL PERMIT (see Standard Provision C.9) and I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those person directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Printed Name: Louis Casella

Signature: 

Date: 6/27/2012

Title: MAINT. Supervisor

DESCRIPTION OF BASIC ANALYTICAL PARAMETERS

The Industrial Activities Storm Water General Permit (General Permit) requires you to analyze storm water samples for at least four parameters. These are pH, Total Suspended Solids (TSS), Specific Conductance (SC), and Total Organic Carbon (TOC). Oil and Grease (O&G) may be substituted for TOC. In addition, you must monitor for any other pollutants which you believe to be present in your storm water discharge as a result of industrial activity and analytical parameters listed in Table D of the General Permit. There are no numeric limitations for the parameters you test for.

The four parameters which the General Permit requires to be tested are considered *indicator* parameters. In other words, regardless of what type of facility you operate, these parameters are nonspecific and general enough to usually provide some indication whether pollutants are present in your storm water discharge. The following briefly explains what each of these parameters mean:

pH is a numeric measure of the hydrogen-ion concentration. The neutral, or acceptable, range is within 6.5 to 8.5. At values less than 6.5, the water is considered acidic; above 8.5 it is considered alkaline or basic. An example of an acidic substance is vinegar, and a alkaline or basic substance is liquid antacid. Pure rainfall tends to have a pH of a little less than 7. There may be sources of materials or industrial activities which could increase or decrease the pH of your storm water discharge. If the pH levels of your storm water discharge are high or low, you should conduct a thorough evaluation of all potential pollutant sources at your site.

Total Suspended Solids (TSS) is a measure of the undissolved solids that are present in your storm water discharge. Sources of TSS include sediment from erosion of exposed land, and dirt from impervious (i.e. paved) areas. Sediment by itself can be very toxic to aquatic life because it covers feeding and breeding grounds, and can smother organisms living on the bottom of a water body. Toxic chemicals and other pollutants also adhere to sediment particles. This provides a medium by which toxic or other pollutants end up in our water ways and ultimately in human and aquatic life. TSS levels vary in runoff from undisturbed land. It has been shown that TSS levels increase significantly due to land development.

Specific Conductance (SC) is a numerical expression of the ability of the water to carry an electric current. SC can be used to assess the degree of mineralization, salinity, or estimate the total dissolved solids concentration of a water sample. Because of air pollution, most rain water has a SC a little above zero. A high SC could affect the usability of waters for drinking, irrigation, and other commercial or industrial use.

Total Organic Carbon (TOC) is a measure of the total organic matter present in water. (All organic matter contains carbon) This test is sensitive and able to detect small concentrations of organic matter. Organic matter is naturally occurring in animals, plants, and man. Organic matter may also be man made (so called synthetic organics). Synthetic organics include pesticides, fuels, solvents, and paints. Natural organic matter utilizes the oxygen in a receiving water to biodegrade. Too much organic matter could place a significant oxygen demand on the water, and possibly impact its quality. Synthetic organics either do not biodegrade or biodegrade very slowly. Synthetic organics are a source of toxic chemicals that can have adverse affects at very low concentrations. Some of these chemicals bioaccumulate in aquatic life. If your levels of TOC are high, you should evaluate all sources of natural or synthetic organics you may use at your site.

Oil and Grease (O&G) is a measure of the amount of oil and grease present in your storm water discharge. At very low concentrations, O&G can cause a sheen (that floating "rainbow") on the surface of water (1 qt. of oil can pollute 250,000 gallons of water). O&G can adversely affect aquatic life and create unsightly floating material and film on water, thus making it undrinkable. Sources of O&G include maintenance shops, vehicles, machines and roadways.

If you have any questions regarding whether or not your constituent concentrations are too high, please contact your local Regional Board office. The United States Environmental Protection Agency (USEPA) has published stormwater discharge benchmarks for a number of parameters. These benchmarks may be helpful when evaluating whether additional BMPs are appropriate. These benchmarks can be accessed at our website at <http://www.swrcb.ca.gov>. It is contained in the Sampling and Analysis Reduction Certification.

See Storm Water Contacts at

http://www.waterboards.ca.gov/water_issues/programs/stormwater/contact.shtml

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FORM 1 - SAMPLING & ANALYSIS RESULTS

Monitoring Location	Sample Date / Time	Discharge Time	Sample Collector Name, Title	Parameter	Result	Units	Analytical Method	Method Detection Limit	Analyzed By
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ANNUAL REPORT**FORM 2 - QUARTERLY VISUAL OBSERVATIONS OF AUTHORIZED
NON-STORM WATER DISCHARGES (NSWDs)**

Quarter	Date/Time(HH:MM)	Observer Name	Observer Title	Any Authorized NSWDS This Quarter?
July - Sept				

Source and Location of Authorized NSWSD	Name of Authorized NSWD	Authorized NSWSD Characteristics at Source	Authorized NSWSD Characteristics at Drainage Area and Discharge Location	Revised or New BMPs Description and Implementation Date
--	----------------------------	---	---	---

Quarter	Date/Time(HH:MM)	Observer Name	Observer Title	Any Authorized NSWDS This Quarter?
Oct - Dec				

Source and Location of Authorized NSWSD	Name of Authorized NSWD	Authorized NSWSD Characteristics at Source	Authorized NSWSD Characteristics at Drainage Area and Discharge Location	Revised or New BMPs Description and Implementation Date
--	----------------------------	---	---	---

Quarter	Date/Time(HH:MM)	Observer Name	Observer Title	Any Authorized NSWDS This Quarter?
Jan - Mar				

Source and Location of Authorized NSWSD	Name of Authorized NSWD	Authorized NSWSD Characteristics at Source	Authorized NSWSD Characteristics at Drainage Area and Discharge Location	Revised or New BMPs Description and Implementation Date
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Quarter	Date/Time(HH:MM)	Observer Name	Observer Title	Any Authorized NSWDS This Quarter?
Apr - Jun				

Source and Location of Authorized NSWSD	Name of Authorized NSWD	Authorized NSWSD Characteristics at Source	Authorized NSWSD Characteristics at Drainage Area and Discharge Location	Revised or New BMPs Description and Implementation Date
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ANNUAL REPORT**FORM 3 - QUARTERLY VISUAL OBSERVATIONS OF UNAUTHORIZED
NON-STORM WATER DISCHARGES (NSWDs)**

Quarter	Date/Time(HH:MM)	Observer Name	Observer Title	Unauthorized NSWDS Observed?	Indications of Prior Unauthorized NSWDS?
July - Sept					

Source and Location of Unauthorized NSWSD	Name of Unauthorized NSWSD	Unauthorized NSWSD Characteristics at Source	Unauthorized NSWSD Characteristics at Drainage Area and Discharge Location	Corrective Actions to Eliminate Unauthorized NSWSD and Elimination Date
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Quarter	Date/Time(HH:MM)	Observer Name	Observer Title	Unauthorized NSWDS Observed?	Indications of Prior Unauthorized NSWDS?
Oct - Dec					

Source and Location of Unauthorized NSWSD	Name of Unauthorized NSWSD	Unauthorized NSWSD Characteristics at Source	Unauthorized NSWSD Characteristics at Drainage Area and Discharge Location	Corrective Actions to Eliminate Unauthorized NSWSD and Elimination Date
---	----------------------------	--	--	---

Quarter	Date/Time(HH:MM)	Observer Name	Observer Title	Unauthorized NSWDS Observed?	Indications of Prior Unauthorized NSWDS?
Jan - Mar					

Source and Location of Unauthorized NSWSD	Name of Unauthorized NSWSD	Unauthorized NSWSD Characteristics at Source	Unauthorized NSWSD Characteristics at Drainage Area and Discharge Location	Corrective Actions to Eliminate Unauthorized NSWSD and Elimination Date
---	----------------------------	--	--	---

Quarter	Date/Time(HH:MM)	Observer Name	Observer Title	Unauthorized NSWDS Observed?	Indications of Prior Unauthorized NSWDS?
Apr - Jun					

Source and Location of Unauthorized NSWSD	Name of Unauthorized NSWSD	Unauthorized NSWSD Characteristics at Source	Unauthorized NSWSD Characteristics at Drainage Area and Discharge Location	Corrective Actions to Eliminate Unauthorized NSWSD and Elimination Date
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ANNUAL REPORT

FORM 4 - MONTHLY VISUAL OBSERVATIONS OF STORM WATER DISCHARGES

Observation Date: 10/05/2011 00:00		Observer Name: Mike Canzoneri		Observer Title: General Manager			
Location Description	Observation Time	Time Discharge Began	Were Pollutants Observed?	Drainage Area Description	Describe Storm Water Discharge Characteristics	Identify and Describe Source(s) of Pollutants	Describe any Revised or New BMPs and Their Date of Implementation
Drainage Location1	south end of relieving	8:00	7:00	Yes	front warehouse	cloudy	none

Observation Date: 11/04/2011 00:00		Observer Name: Mike Canzoneri		Observer Title: General Manager			
Location Description	Observation Time	Time Discharge Began	Were Pollutants Observed?	Drainage Area Description	Describe Storm Water Discharge Characteristics	Identify and Describe Source(s) of Pollutants	Describe any Revised or New BMPs and Their Date of Implementation
Drainage Location1	south end of relieving	10:20	13:13	Yes	front warehouse	cloudy	none

Observation Date: 12/01/2011 00:00		Observer Name: Mike Canzoneri		Observer Title: General Manager			
Location Description	Observation Time	Time Discharge Began	Were Pollutants Observed?	Drainage Area Description	Describe Storm Water Discharge Characteristics	Identify and Describe Source(s) of Pollutants	Describe any Revised or New BMPs and Their Date of Implementation
Drainage Location1	south end of relieving	8:00		No			

Observation Date: 01/03/2012 00:00		Observer Name: Mike Canzoneri		Observer Title: General Manager			
Location Description	Observation Time	Time Discharge Began	Were Pollutants Observed?	Drainage Area Description	Describe Storm Water Discharge Characteristics	Identify and Describe Source(s) of Pollutants	Describe any Revised or New BMPs and Their Date of Implementation
Drainage Location1	south end of relieving	8:00		No			

Observation Date: 02/04/2012 00:00		Observer Name: Mike Canzoneri		Observer Title: General Manager			
Location Description	Observation Time	Time Discharge Began	Were Pollutants Observed?	Drainage Area Description	Describe Storm Water Discharge Characteristics	Identify and Describe Source(s) of Pollutants	Describe any Revised or New BMPs and Their Date of Implementation
Drainage Location1	south end of relieving	8:00		No			

Observation Date: 03/06/2012 00:00		Observer Name: Louis Casela		Observer Title: Maint. Supervisor			
Location Description	Observation Time	Time Discharge Began	Were Pollutants Observed?	Drainage Area Description	Describe Storm Water Discharge Characteristics	Identify and Describe Source(s) of Pollutants	Describe any Revised or New BMPs and Their Date of Implementation
Drainage Location1	south end of relieving	8:00		No			

Observation Date: 04/10/2012 00:00		Observer Name: Louis Casela		Observer Title: Maint. Supervisor			
Location Description	Observation Time	Time Discharge Began	Were Pollutants Observed?	Drainage Area Description	Describe Storm Water Discharge Characteristics	Identify and Describe Source(s) of Pollutants	Describe any Revised or New BMPs and Their Date of Implementation
Drainage Location1	south end of relieving	8:00		No			

	Location Description	Observation Time	Time Discharge Began	Were Pollutants Observed?	Drainage Area Description	Describe Storm Water Discharge Characteristics	Identify and Describe Source(s) of Pollutants	Describe any Revised or New BMPs and Their Date of Implementation
Drainage Location1	south end of recieving	8::00		No				
Observation Date:		05/04/2012 00:00		Observer Name:		Louis Casela		Maint. Supervisor
	Location Description	Observation Time	Time Discharge Began	Were Pollutants Observed?	Drainage Area Description	Describe Storm Water Discharge Characteristics	Identify and Describe Source(s) of Pollutants	Describe any Revised or New BMPs and Their Date of Implementation
Drainage Location1	south end of recieving	8::00		No				

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**FORM 5 - ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY BMP STATUS**

Evaluation Date:		Inspector Name:		Title:	
Potential Pollutant Source/Industrial Activity Area	Are any BMPs Not Fully Implemented?	Are Additional/Revised BMPs Necessary?	Deficiencies in BMPs or BMP implementation	Additional/Revised BMPs or Corrective Actions and their date(s) of Implementation	

2011-2012

ANNUAL REPORT

EXPLANATIONS SPECIFIED FOR VARIOUS YES/NO QUESTIONS IN THE REPORT

Explanation Question	Explanation Text
G. October	sample taken
G. November	sample taken
G. December	responsible person was out on disability
G. January	responsible person was out on disability
G. February	responsible person was out on disability
G. March	no measurable rain
G. April	no measurable rain
G. May	no measurable rain

Attachments:

Attachment Title	Description	Date Uploaded	Attachment Type	Doc Part No/Total Parts
sample results		06/26/2012	Laboratory Results	1/1
sample results		06/26/2012	Laboratory Results	1/1
sample results		06/26/2012	Laboratory Results	1/1



AMERICAN SCIENTIFIC LABORATORIES, LLC

Environmental Testing Services

2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

ANALYTICAL RESULTS

Ordered By

Hehr International Inc.
3333 Casitas Ave.
Los Angeles, CA 90039

Site

3333 Casitas Ave.
Los Angeles, CA 90039

Telephone: (323)663-1261

Attn: Mike Canzoneri

Page: 2

Project ID: STORMWATER # 1

ASL Job Number	Submitted	Client
51214	10/05/2011	HEHR

Method: 120.1, Specific Conductance

QC Batch No: 100611-1

Our Lab I.D.		274118				
Client Sample I.D.		SW				
Date Sampled		10/05/2011				
Date Prepared		10/06/2011				
Preparation Method						
Date Analyzed		10/06/2011				
Matrix		Stormwater				
Units		umhos/cm				
Dilution Factor		1				
Analytes	PQL	Results				
Conventional						
Conductivity (umho/cm @77F)	1.00	54.6				

QUALITY CONTROL REPORT

QC Batch No: 100611-1

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit					
Conventional										
Conductivity (umho/cm @77F)	98	101	3.0	80-120	<20					



AMERICAN SCIENTIFIC LABORATORIES, LLC
Environmental Testing Services

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ANALYTICAL RESULTS

Ordered By

Hehr International Inc.
3333 Casitas Ave.
Los Angeles, CA 90039

Site

3333 Casitas Ave.
Los Angeles, CA 90039

Telephone: (323)663-1261

Attn: Mike Canzoneri

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Project ID: STORMWATER # 1

ASL Job Number	Submitted	Client
51214	10/05/2011	HEHR

Method: 1664, Revision A, Oil and Grease (HEM)

QC Batch No: 100611-1

Our Lab I.D.		274118					
Client Sample I.D.		SW					
Date Sampled		10/05/2011					
Date Prepared		10/06/2011					
Preparation Method							
Date Analyzed		10/06/2011					
Matrix		Stormwater					
Units		mg/L					
Dilution Factor		1					
Analytes	PQL	Results					
Conventionals							
Oil and Grease	5.00	ND					

QUALITY CONTROL REPORT

QC Batch No: 100611-1

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit				
Conventionals									
Oil and Grease	88	91	3.4	80-120	<20				



AMERICAN SCIENTIFIC LABORATORIES, LLC

Environmental Testing Services

2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500

ANALYTICAL RESULTS

Ordered By

Hehr International, Inc.
3333 Casitas Ave.
Los Angeles, CA 90039

Telephone: (323) 663-1261

Attn: Mike Canzoneri

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Project ID: STORMWATER # 1

Site

3333 Casitas Ave.
Los Angeles, CA 90039

ASL Job Number	Submitted	Client
51214	10/05/2011	HEHR

Method: SM2540-D, Total Suspended Solids (TSS)

QC Batch No: 100611-1

Our Lab ID:		274118				
Client Sample I.D.		SW				
Date Sampled		10/05/2011				
Date Prepared		10/06/2011				
Preparation Method						
Date Analyzed		10/06/2011				
Matrix		Stormwater				
Units		mg/L				
Dilution Factor		1				
Analytes	POL	Results				
Conventionals						
Solids, Total Suspended (TSS)	10.0	ND				

QUALITY CONTROL REPORT

QC Batch No: 100611-1

Analytes	LCS % REC	LCS-DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit				
Conventionals									
Solids, Total Suspended (TSS)	98	99	1.0	80-120	20				



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Environmental Testing Services

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ANALYTICAL RESULTS

Ordered By

Hehr International Inc.
3333 Casitas Ave
Los Angeles, CA 90039

Telephone: (323) 663-1261

Attn: Mike Canzoneri

Page: 5

Project ID: STORMWATER # 1

Site

3333 Casitas Ave
Los Angeles, CA 90039

ASL Job Number	Submitted	Client
51214	10/05/2011	HEHR

Method: SM4500-H-B, pH (Electrometric Method)

QC Batch No: 100511-1

Our Lab ID:		274118					
Client Sample I.D.		SW					
Date Sampled		10/05/2011					
Date Prepared		10/05/2011					
Preparation Method							
Date Analyzed		10/05/2011					
Matrix		Stormwater					
Units		pH Units					
Dilution Factor		1					
Analytes	POL	Results					
Conventional							
pH	1.00	6.95					

QUALITY CONTROL REPORT

QC Batch No: 100511-1

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit				
Conventional									
pH	100	100	<1	95-105	10				



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Page: 6

Project ID: STORMWATER # 1

ASL Job Number	Submitted	Client
51214	10/05/2011	HEHR

Method: SM5310C, Total Organic Carbon (TOC)

QC Batch No: 101011-1

Our Lab I.D.	274118				
Client Sample I.D.	SW				
Date Sampled	10/05/2011				
Date Prepared	10/10/2011				
Preparation Method					
Date Analyzed	10/10/2011				
Matrix	Stormwater				
Units	mg/L				
Dilution Factor	1				
Analytes	POL	Results			
Carbon, Total Organic (TOC)	0.100	8.60			

QUALITY CONTROL REPORT

QC Batch No: 101011-1

	LCS	LCS DUP	LCS RPD	LCS/LCSD	LCS RPD				
Analytes	% REC	% REC	% REC	% Limit	% Limit				
Carbon, Total Organic (TOC)	95	94	1.1	80-120	20				



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Page: 2

Project ID: STORMWATER 2

ASL Job Number	Submitted	Client
51560	11/04/2011	HEHR

Method: 120.1, Specific Conductance

QC Batch No: 110411-1

Our Lab ID	275438				
Client Sample ID	SW				
Date Sampled	11/04/2011				
Date Prepared	11/04/2011				
Preparation Method					
Date Analyzed	11/04/2011				
Matrix	Water				
Units	umhos/cm				
Dilution Factor	1				
Analytes	POL	Results			
Conventional					
Conductivity (umho/cm @77F)	1.00	107			

QUALITY CONTROL REPORT

QC Batch No: 110411-1

	LCS	LCS DUP	LCS RPD	LCS/LCSD	LCS RPD					
Analytes	% REC	% REC	% REC	% Limit	% Limit					
Conventional										
Conductivity (umho/cm @77F)	99	102	3.0	80-120	<20					



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Page: 3

Project ID: STORMWATER 2

ASL Job Number	Submitted	Client
51560	11/04/2011	HEHR

Method: 1664, Revision A, Oil and Grease (HEM)

QC Batch No: 110711-1

Our Lab ID	275438				
Client Sample I.D.	SW				
Date Sampled	11/04/2011				
Date Prepared	11/07/2011				
Preparation Method					
Date Analyzed	11/07/2011				
Matrix	Water				
Units	mg/L				
Dilution Factor	1				
Analytes	PQL	Results			
Conventional					
Oil and Grease	5.00	ND			

QUALITY CONTROL REPORT

QC Batch No: 110711-1

	LCS	LCS DUP	LCS RPD	LCS/LCSD	LCS-RPD				
Analytes	% REC	% REC	% REC	% Limit	% Limit				
Conventional									
Oil and Grease	91	90	1.1	80-120	<20				



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Page: 4

Project ID: STORMWATER 2

ASL Job Number	Submitted	Client
51560	11/04/2011	HEHR

Method: SM2540-D, Total Suspended Solids (TSS)

QC Batch No: 110711-1

Our Lab ID	275438				
Client Sample I.D.	SW				
Date Sampled	11/04/2011				
Date Prepared	11/07/2011				
Preparation Method					
Date Analyzed	11/07/2011				
Matrix	Water				
Units	mg/L				
Dilution Factor	1				
Analytes	POL	Results			
Conventional					
Solids, Total Suspended (TSS)	10.0	44.0			

QUALITY CONTROL REPORT

QC Batch No: 110711-1

	LCS	LCS DUP	LCS RPD	LCS/LCSD	LCS RPD				
Analytes	% REC	% REC	% REC	% Limit	% Limit				
Conventional									
Solids, Total Suspended (TSS)	105	98	6.9	80-120	20				



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Page: 5

Project ID: STORMWATER 2

ASL Job Number	Submitted	Client
51560	11/04/2011	HEHR

Method: SM4500-H-B, pH (Electrometric Method)

QC Batch No: 110411-1

Our Lab I.D.		275438				
Client Sample I.D.		SW				
Date Sampled		11/04/2011				
Date Prepared		11/04/2011				
Preparation Method						
Date Analyzed		11/04/2011				
Matrix		Water				
Units		pH Units				
Dilution Factor		1				
Analytes	POL	Results				
Conventional						
pH	1.00	7.32				

QUALITY CONTROL REPORT

QC Batch No: 110411-1

Analytes	LCS % REC	LCS DUP % REC	LCS RPD % REC	LCS/LCSD % Limit	LCS RPD % Limit				
Conventional									
pH	100	100	<1	95-105	10				



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ANALYTICAL RESULTS

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Page: 6

Project ID: STORMWATER 2

ASL Job Number	Submitted	Client
51560	11/04/2011	HEHR

Method: SM5310C, Total Organic Carbon (TOC)

QC Batch No: 110911-1

Our Lab I.D.		275438			
Client Sample I.D.		SW			
Date Sampled		11/04/2011			
Date Prepared		11/09/2011			
Preparation Method					
Date Analyzed		11/09/2011			
Matrix		Water			
Units		mg/L			
Dilution Factor		1			
Analytes	PQL	Results			
Carbon, Total Organic (TOC)	0.100	19.9			

QUALITY CONTROL REPORT

QC Batch No: 110911-1

	LCS	LCS/LCSD						
Analytes	% REC	% Limit						
Carbon, Total Organic (TOC)	97	80-120						

STORM WATER POLLUTION PREVENTION PLAN

**HEHR INTERNATIONAL INC
3333 CASITAS AVENUE
LOS ANGELES, CA 90039**

Hehr International, Inc.

3333 Casitas Avenue
Los Angeles, CA 90039
(323) 663-1261

Storm Water Pollution Prevention Plan-Los Angeles, California

1. **Purpose:** To help identify the sources of pollution that affect the quality of, and to describe and ensure the implementation of practices to reduce pollutants in industrial water discharges.
2. **Site Map:** See attached.
3. **Potentially Pollutant Materials:**
 - There have been no discharges, leaks, spillages, treatments or disposal of potentially pollutant materials in any quantities in the storm water discharges since November 19, 1988. Some scrap, reject and in process aluminum frames have been stored outside, exposed to storm water. This material has a small potential of carrying some residual cutting, or metal working oil, which would be washed off, by rainwater.
 - Other potentially polluted materials: oils, solvents, adhesives and sealers are stored in closed containers either indoors or outdoors under the roof.
 - Transport areas are the receiving area, and the shipping dock. Potentially pollutants materials are transported in closed containers, using hand trucks, or fork lifts (powered and manual).
 - There are no structural or non-structural control of measures in place to reduce pollutants in the storm water discharge and none are needed.
 - There are no industrial storm water discharge treatment facilities and none are needed.
 - **Storage of potential pollutants:**
 - i. New materials, prior to use, are stored in closed containers, indoors, protected from weather, temperature extremes and accidental spillage.
 - ii. Used residual waste materials, after use are in closed containers. If stored outdoors awaiting disposal, containers are under the roof or tarpaulins so as to prevent rusting. Under no

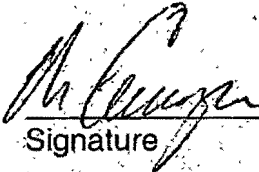
circumstances are containers exposed to storm water stored long enough to present a danger of rust through and leakage.

- **Disposal of Waste Materials:** Potentially pollutant substances are disposed of legally at a disposal facility or are picked up for recycling by the supplier.
 - There are no pollutants that have a reasonable potential to be present in storm water discharge in significant quantities.
4. **Facility Size:** 150,862 square feet including non-adjacent buildings, parking lots, etc., about 99% of the land surface is impervious.
 5. **Spills:** There have been no spills or leaks of toxic or hazardous pollutants to storm water since November 19, 1988 or in the history of the site to our knowledge.
 6. Storm water is sampled and tested for pollutants, twice per wet season.
 7. **Storm Water Pollution Personnel:** The following are responsible for developing, implementing and revising this plan:

1. Mike Canzoneri	General Manager
2. Raul Martinez	Plant Manager
3. Louis Casella	Facility/Maintenance Supervisor
 8. **Preventive Maintenance:** Equipment is maintained according to an established preventive maintenance plan; however there are no storm water conveyance systems devices, or plant equipment/system, the failure of which could result in discharges of pollutants to storm water.
 9. **Good housekeeping practices are followed:** Material handling areas are inspected and cleaned on a daily basis. A thorough cleaning of the plant is performed at the end of each workweek. No potential for pollutants to enter the storm water conveyance system.
 10. **Spillage Prevention & Response:** Potential pollutants are covered, and are contained behind concrete curbs to contain spills.
 11. **Storm Water Management Practices:** Because of the minuscule risk of potentially pollutant materials into the storm water run off, only one special storm water practice has been installed. The storm water conveyance system shall be inspected and cleaned once a month.
 12. **Sediment and Erosion Prevention:** All Hehr property downgrade of materials stored exposed to storm water are paved. There is no erosion potential.

13. **Continuous Improvement/Participative Management:** Plant management and staff are required to perform a group walk-through of the plant at least quarterly. Placement and management of potentially pollutant materials shall be subject of the walk-through. Notations of corrective actions needed, and action-completed data shall be retained in the plant Storm Water Pollution Prevention Plan files for five consecutive years.
14. No non-storm water discharges to storm water runoff exist at this facility.
15. This plan is considered a report, available to the public under Sec. 308 (b) of the Clean Water Act.
16. This Plan shall be updated as necessary to reflect conditions in the facility.

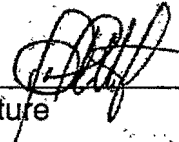
Prepared By:


Signature

Mike Canzoneri
General Manager

October 8, 2012

Accepted by:


Signature

John Utick
Executive Vice President

October 8, 2012

Monitoring Program:

A. Rationale for selection of Monitoring Methods

In that products of Hehr International Inc. utilize little or no pollutant materials in their construction, we judge that all monitoring shall use methods, which are the simplest, fastest and most effective available. The use of more involved methods would not produce any corresponding benefit.

B. Annual Site Inspection

1. To be performed by any of the listed Storm Water Pollution Prevention Personnel listed in the Prevention plan.

Purpose: To evaluate whether measures to reduce pollutants in storm water runoff are adequate and properly implemented or whether additional measures are required. A written record of the inspection shall be prepared and retained on file. This record shall include date of inspection, signature(s) of inspector(s) and observations made.

2. Prepare a written certification, based on the annual site inspection that the facility is in compliance with the General Permit and the S.W.P.P. Facility/ Maintenance Supervisor.

C. Dry Season Observations

At least twice each year from June to September, S.W.P.P. personnel shall visually observe factory activities to determine the presence of pollutants in waters flowing from Hehr property. Records shall be prepared and maintained which describe methods used, dates, locations of observations and test results, if any. See Attachment: Dry season Observation- Report.

D. Wet Season Observations

1. **Visual:** Each month from October thru May, S.W.P.P. personnel shall conduct visual inspections at all storm water discharge locations during the first hour of any event. Check for the presence of floating or suspended materials, oil, grease, discolorations, odors or any other condition indicative of pollutants being present. Maintain a record of visual observations per Section C, above. See Attachment: Wet Season Observation - Report.

2. Sampling and Analysis: Every storm season, two storm events shall be identified, samples collected and subjected to laboratory analysis. Samples shall be collected per instruction of, and shall be analyzed by American Scientific Laboratories, Los Angeles, California. Samples shall be taken down slope of locations where potentially contaminated materials are stored uncovered (Scrap Materials Refuse Bins). Samples taken shall be analyzed for pH, total suspended solids, specific conductance and oil and grease. There are no toxic chemicals or other pollutants likely to be present in the storm water discharge in quantities from this facility. Written report of the analysis from B.C. Analytical Laboratories shall be maintained on file at this facility.

E. Sampling Procedure

Grab samples shall be taken from a storm occurrence after at least 3 days of the dry season weather. Grab sample shall be taken within the first 30 minutes (or as soon thereafter as practicable) of the storm.

F. Observations and Collection Provisions

1. Need be taken during normal operating hours only.
2. Failure to perform observations or sampling shall be noted in the annual monitoring report with reasons given.

G. Record Keeping

All records are to be maintained for 5 years.

1. Sampling and Analysis: Date and time sampling, personnel, lab Reports, techniques, methods, QA/QC results (if other standard).

H. Annual Report

Submit by July 1st each year to Executive Officer of the Regional Water Board or other agency as required. Use format as provided by public agency.

SHEPPARD, MULLIN, RICHTER & HAMPTON LLP

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